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THE

# PUPIL'S PHARMACOPŒIA;

BEING A

LITERAL TRANSLATION

OF THE

**LONDON PHARMACOPŒIA,**

THE ENGLISH FOLLOWING THE ORIGINAL IN ITALICS  
WORD FOR WORD;

AND

The Latin text being marked to facilitate a proper Pronunciation.

IN ADDITION TO WHICH,

THE CHEMICAL DECOMPOSITIONS ARE EXPLAINED IN  
A NOTE AT THE FOOT OF EACH PREPARATION.

TO THE WHOLE IS ANNEXED,

A Table exhibiting at one view,

**THE NAMES OF MEDICINES,**

With their Properties, Doses, and Antidotes in cases of  
Poison, &c. &c.

**DESIGNED EXPRESSLY FOR THE USE OF STUDENTS.**

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*“ Duplex libelli dos est.”*

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By W. MAUGHAM, SURGEON.

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**LONDON:**

PRINTED FOR

LONGMAN, HURST, REES, ORME, BROWN, AND GREEN,  
PATERNOSTER-ROW.

1824.



LONDON:  
Printed by A. & R. Spottiswoode,  
New-Street-Square.

TO  
DAVID UWINS, M.D.

CORRESPONDING MEMBER OF THE MEDICO CHIRURGICAL  
SOCIETY OF BERLIN,

FELLOW, AND LATE PRESIDENT, OF THE LONDON  
MEDICAL SOCIETY,

PHYSICIAN TO THE CITY DISPENSARY, AND LECTURER ON THE  
THEORY AND PRACTICE OF MEDICINE,

THIS TRANSLATION

OF

*THE LONDON PHARMACOPŒIA,*

WITH NOTES, &c.

IS MOST RESPECTFULLY DEDICATED,

BY HIS MUCH OBLIGED

AND VERY GRATEFUL PUPIL,

WILLIAM MAUGHAM.

*London, December 1. 1823.*

# THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE

Vol. 10. Part 1. 1880.  
LONDON: PUBLISHED BY THE INSTITUTE, 21, BEDFORD SQUARE, W.C.  
1880.

Price, 10s. 6d. per volume.  
Single parts, 5s. 6d.

Subscription price, 55s. per annum in advance.  
Single copies, 1s. 6d.

Advertisements accepted for insertion.  
The price of advertising is 1s. per line per week.

Orders for the Journal may be sent to the  
Publisher, Messrs. Longmans, Green & Co., 21, Bedford Square, W.C.

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## TRANSLATOR'S PREFACE.

---

ALTHOUGH the following translation of the London Pharmacopœia was undertaken principally for the use of students, yet as it is printed throughout in an Italic type, and may be read independently of the Latin, it will, no doubt, be found serviceable to the general practitioner. Perhaps there are some who will at once condemn the very appearance of the interweaving, as it were, of the two languages together: but I will ask these, if a translation be admissible at all, why it should not be equally so under the present arrangement? When works of this kind have been written in a dead language, and couched for the most part in terms of modern invention, I conceive they cannot be rendered too explanatory to the junior part of the profession; some of whom have never had a classical education, whilst many others, during their apprenticeship, have, in all probability, forgotten the little knowledge of Latin they had acquired at school. The short period which is usually spent in attending Hospital practice, and the different lectures, &c. necessary for rendering a young man eligible for his examination, either at the College of Surgeons or Apothecaries' Hall, is certainly of all others the most improper for entering upon the study of this language, as the whole of his attention should then be

directed to those pursuits which are of a more important nature; inasmuch as they affect not only himself, but the public at large. It is by no means requisite, that a person should possess a knowledge of Latin either to reduce a dislocation, or to afford relief in a case of enteritis; and it may not be discouraging to remember, that the greatest surgeon the world ever produced, and whose name should never be mentioned but with reverence, was altogether deficient in classical acquirements. I would not, however, by any means wish to depreciate this sort of literature, being perfectly aware that where it can be cultivated without interfering with those duties which every man owes to society, it will always tend to enlarge the mind and assist in thinking with more accuracy and precision.

To facilitate something like a proper pronunciation, these two marks have been introduced [- ˘], the former of which shews that the vowel over which it is placed must be pronounced long; whilst, on the contrary, a vowel accompanied by the latter should be pronounced short. By simply attending to these observations, there will be but little difficulty in giving each word its proper accent; for if the penultimate and antepenultimate syllables of Latin words have their proper *quantities* assigned them, a correct accentuation will follow as a matter of course. I speak generally, deeming it unnecessary, in this place, to enter into the labyrinths of prosody. As far as it could be done, the names in the *Materia Medica* have been marked agreeably to their derivation; and

where this was not practicable, the most received authorities have been adopted.

That the work might not be considered deficient, the preface of the college is prefixed, in the translating of which a little more freedom has been used, as a verbal translation could have answered no useful purpose.

The chemical decompositions are given with as much conciseness as possible, and will be found agreeable to the most recent theories; thus saving the trouble of turning to different authors where a number of opinions often embarrass rather than inform the student. No observation is made respecting the process for producing *æther*; because the theory is as yet involved in much obscurity, and the notions entertained by different chemists are as unsatisfactory as they are multifarious. Were the study of chemistry more attended to by medical men, it would undoubtedly be productive of beneficial results; but that part of chemistry which appertains to the compounding of medicines, ought, at least, to be better understood than it generally is. I know of no book so well calculated to assist the student on this head as Gray's Elements of Pharmacy, which has been put into my hands since the following sheets were sent to press, and which I would recommend as containing much useful information.

In conclusion, I have to observe, that every care has been taken to render the work on the whole as perfect as possible; but should any errors inadvertently have crept in, it is hoped they will meet with indulgence.

## PRÆFATIO.

---

ANNIS viginti duobus vix elapsis, Pharmacopœiam nostram incudi reddere iterùm statuimus. Hunc laborem nobis imposuit culta indiès et amplificata Naturæ scientia. Illa enim intra paucos hos annos ità erroribus purgata et experimentis illustrata est, ità principiis novis firmitioribus, altioribus, undequaque stabilita, ut si in hâc unâ parte, quæ ad Medicinam spectat, neglecta et rudis jaceret, id nobis meritò dedecori verteretur; præcipuè cum duæ finitimæ huic nostræ Artes, Chemica, et Botanica, hæc, omnes omnium regionum herbas cum labore maximo exploraverit; illa integram suam disciplinam in meliorem commutaverit, et linguam penitùs novam loqui didicerit. Non ulteriùs igitur spatium esse moræ videbatur, quin medicamentorum omnium vires et naturam cum summâ diligentîâ perpendamus, ut si fuerint, quæ vel obsoleta vel supervacua judicemus, loco moveamus.

Antecessores nostri plurimùm sanè contulerunt ad singula certiùs promptiùsque confi-



## PREFACE.

---

SCARCELY are twenty-two years elapsed, and again we have determined to re-model our Pharmacopœia. This task has been imposed upon us by the daily cultivated and enlarged science of natural Philosophy: which has, within these few years, been so elucidated by experiments and freed from errors, so established on all sides upon new, firmer, and more exalted principles, that if that part thereof which relates to Medicine were laid aside neglected and unimproved, it would very justly be considered a disgrace to us; especially when of the two Sciences most nearly allied to ours—Chemistry and Botany—one has explored, with the most diligent research, all kinds of herbs of every climate; the other has changed its whole system for a better, and learned to speak an entirely new language. There seemed, therefore, no further ground for delay, but that we should examine with the utmost attention the virtues and nature of every medicine, so that if there were any which we deemed either obsolete or superfluous, we might remove them from their place in the *materia medica*.

Our predecessors have certainly very much contributed towards having each article prepared

cienda; jàm tùm enim Philosophiæ lux nova exoriebatur, quæ pristinæ disciplinæ nubila discutiebat, formidines vanas cum tenebris simul fugabat, secreta denique Naturæ eatenùs recludebat, ut quid incongruum esset, quid consentaneum, quænam inter se pugnantia, quænam in compositione aptissimè consocianda, medicorum oculis palàm tandem ostenderet. Sed ea est artis conditio, ut emendari quidèm possit, absoluta reddi non possit.

Exindè igitur in annos singulos aliquid medicinæ accessit, neque à priorum incœptis hæc ætas nostra declinavit, quin et morborum quorundam signa accuratiùs exposuit, et quibusdam remedia magis idonea reperit, tum medicamentorum alia inutilia et inepta rejecit, alia valentiora usu et autoritate comprobavit; universa etiam aut scrutata est diligentius, aut quomodo peritiùs componantur, edocuit. Cum nos igitur ad hoc opus recognoscendum animum primum intendimus, multa invenimus quæ cum perfectiore nostræ artis disciplinâ malè congruebant, plura quibus abhorrebat erudita illa rerum appellandarum norma, quam intereà physici excogitaverant, nonnulla etiam quæ addi postulabat ipsius operis ordo, et concinnitas. Non ideò tamen nos fefellit multum molestiæ, multum etiam

with more promptness and accuracy ; for in their days that new light of Philosophy was beginning to appear, which dispelled the clouds of the ancient system, and put to flight the groundless fears which accompanied the darkness of the times ; and, in short, so far revealed the secrets of nature as to shew at length more openly to the eyes of physicians what things were incongruous, and what were proper, those which varied with each other, and those uniting most readily in composition. But such is the condition of this art, that, although it may admit of improvement, it cannot be rendered perfect.

From that period, therefore, every year has produced some improvement in medicine ; nor has the present age been backward in following up what the former had begun, but has expounded more accurately the symptoms of some diseases, and devised for others remedies more appropriate, having rejected some useless and inept medicines, whilst it has approved, from experience and authority, of others more efficacious ; and at the same time not only examined the whole more diligently, but has also taught us in what manner they may be more skilfully compounded. When, therefore, we first turned our attention to the revisal of this work, we discovered many things which ill agreed with the more perfect state of the science, but a still greater number which were at variance with that erudite system of nomenclature latterly thought of by philosophers, and some also which the concinnity and order of the work itself required to be added to it. It did not, however, escape our notice that

periculi, à crebrâ Pharmacopœiarum mutatione provenire : sed nobis persuasum erat, ea tandem et stabilia maximè et utilia fore, quæ cum rectâ ratione arctissimè convenirent. Quibus perpensis, nomina medicamentis dare, quantum fieri potuit, legitima, et naturæ cujusque congruentia, statuimus : sic tamen, ut provideremus ne titulorum amplificatio medicos impediat. Si pluribus igitur vocabulis opus fuerit, ut rei cuiuspiam compositionem manifestè in appellando designemus, ei simplicius, etsi minùs eruditum cognomen apponere maluimus.

Quod ad nos attinet, nihil laboris detrectavimus quo librum hunc quàm perfectissimum ederemus. Non ità tamen, ut omnibus nos satisfacturos esse, vel errores nullos admisisse, confidamus ; quos si quis asperius notare voluerit, reputet modo quantum et varietatis et difficultatis hujusmodi opus amplectitur, et paucis maculis non offensum iri speramus.—Sed hæc hactenus.

Quædam vero obnixiùs excusanda sunt, quæ videantur aut plus quàm satis est ab usu populari discedere, ut *Anthemis* et *Lytta*, aut horridum quid ac barbarum sonare, ut *Potassa*. Diù tamen restitimus : sed quid contra omnium Physicorum auctoritatem facere, aut quî potuimus nomina Animalium, Herbarum, Lapidumve, ea retinere, quæ rebus omninò diversis Scriptores

much trouble and danger arises from a frequent alteration of Pharmacopœias, and we were therefore persuaded that those amendments would in the end be most permanent and useful that best accorded with sound reasoning. Having well weighed these considerations, we resolved, as far as it could be done, to affix such names to medicines as would be appropriate and agreeable to their nature ; nevertheless, taking care that their length should not be an obstacle to physicians. If, therefore, it required many words to designate clearly the composition of an article, in giving it a name, we have chosen the more simple, although it may be the less learned title of the two.

As far as relates to ourselves, every endeavour has been used to render the present edition as perfect as possible. We do not, however, suppose that it will be satisfactory to every one, or that no errors have crept in ; but should any person feel disposed to notice these with severity, let him consider with what diversity and difficulties a work of this kind is fraught, and we trust he will then not be displeased at a few blemishes. But no more on this head.

Some names, however, require a more earnest apology, as they seem to depart more than is absolutely necessary from popular custom, such as *Anthemis* and *Lytta*, whilst others sound barbarous and disagreeable, as *Potassa*. We hesitated a good while, but what could we do against the authority of all natural philosophers ? or how could we retain those names of animals, plants, and stones, when the first writers in this kind of

in eo genere principes imposuerant? Satiùs igitur esse putavimus nos in rudis ingenii crimen incurrere, quàm anceps aliquid, et dubiæ significationis admittere, aut voce unâ atque alterâ ab universâ chemicorum consuetudine dissentire.

Quod ad mutationem attinet quam in Mensuris liquidorum facere instituimus, ea cum ab omnibus dudum efflagitata fuerit, ne studio novitatis fieri existimetur, non est cur timeamus. Idem nomen liquidorum mensuræ, idem solidorum ponderi dari, errorem frequentissimè induxit. Illam autem mensuram, cui *Congio* nomen est, et cujus capacitas à Rege et Senatu præscripta est, mutare non ausi sumus, sed in partes pro arbitrio dividere, et unicuique titulum assignare, non licitum modò, sed officii esse nostri duximus.

Quod superest, eam nos in hoc opere perficiendo rationem adhibuisse speramus, quæ rei tractandæ sit accommodatissima. Nobis certè laboris et curarum præmia suavissima comparabuntur, si qualiacunque hæc sint, utilitati publicæ conducant, et vel hoc præstare videantur, ut morborum remedia paulò certiora indicentur, morbi ipsi paulò citiùs mitigentur.

science had applied them to things widely different? We have, therefore, thought it better to incur the blame of being ingenious in barbarism, rather than to admit any terms of an uncertain or dubious meaning, or to differ in this or the other word from the common custom of chemists.

As far as respects the change which we have determined to make in the measures of liquids, we are not afraid that it should be thought to arise from a desire of novelty, as it has long ago been desired by every one. The same name applied both to the measure of liquid and solid substances, has very frequently been the cause of error. We have not, however, dared to change that measure, the capacity of which is defined by the king and parliament, and which is called a *gallon*: but we have thought it not only lawful, but our duty, to divide it into parts, according to our discretion, and to assign to each a title.

To conclude, we trust we have adhered to that method, in bringing the work to perfection, which is best suited to the subject treated upon. To us, certainly, it will be a most agreeable reward for our labours and anxieties, if these things, such as they are, contribute to the public good, and shall appear to accomplish this object, namely, that the remedies of diseases be more certainly pointed out, whilst diseases themselves are more speedily relieved.



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# PHARMACOPŒIA

## LONDINENSIS.

### THE PHARMACOPŒIA OF LONDON.

PONDĚRA MENSŪRÆ, &c.

WEIGHTS, MEASURES, &c.

CUM *As duo gēnēra two kinds pondērum of weights rēcepta sint have been received ūsu in use in Angliā in England, altēro by one quōrum of which aurum gold et and argentum silver, altēro by the other ferē almost cētēræ all other merces commodities, æstīmantur are estimated, nos we utīmur use priōre the former, quod which et also vocātur is called Troy Weight: que and disper-tīmus we divide lībram the pound sic thus, vidēlicet namely :*

Lībra lb.	}	habet contains	Uncias duōdēcim	3
The pound			Twelve ounces.	
Uncia			Drachmas octo	3
The ounce			Eight drams.	
Drachma			Scrūpulos tres	3
The dram	}		Three scruples.	
Scrūpulus			Grāna viginti	gr.
The scruple			Twenty grains.	

Apposuimus we have placed notas the signs quibus by which est it is consuētum customary designāre to designate quodque every pondus weight.

Mensūra the measure liquidōrum of liquids etiam also est is dispar unlike, alia one propria peculiar cerevisiæ to ale, alia the other vīno to wine ; nos we adhibēmus employ posteriorem the latter, que and utimur we use mensūris the measures liquidōrum of fluids deductis derived ex from congīo vinārio the wine gallon.

Congīus vinārius the wine gallon est is definītus defined lēgibus by the laws regni of the realm, quem which ad for mēdicināles medicinal usus uses dispertimus we divide sic thus, viz. namely.

Congīus	}	habet contains	Octariōs octo	O
A gallon			Eight pints.	
Octariū			Fluidunciās sedēcim	fz
A pint			Sixteen fluid ounces.	
Fluidunciā			Fluidrachmas octo	fz
A fluid ounce	}		Eight fluid drams.	
Fluidrachma			Mīnima sexaginta	m
A fluid dram			Sixty drops.	

Apposuimus we have placed notas the signs quibus by which designāmus we designate quaque every mensuram measure.

---

Ne lest quis any error error nascatur should arise ex from nominibus the names, quæ which sunt are imposita applied ponderibus to weights et and mensūris measures nullo without any discrimine discrimination, finximus we have invented

Est it is videndum to be seen, [i. e. observed] ne whether quid any [portion] cupri of copper, aut or plumbi lead, insit be present in materiâ in the material ex from quâ which mortâria mortars, mensūræ measures, infundibŭla funnels, aut or aliâ any vâsa vessels fiunt are made, in quibus in which mēdicamenta medicines seu either præparantur are prepared sive or servantur preserved ; itâque therefore fictilia earthen ware, vitrifacta glazed plumbo with lead, sunt are aliēna improper.

Acida acid, alkalina alkaline, terræ earthy, metallica metallic, præparata preparations, tum also sales salts omnis of every gēneris kind, oportet it is proper servâre to keep in obturâtis in stopped vitreis glass vâsis vessels.

Metimur we measure gradum the degree Calōris of heat thermomētro by the thermometer Fahrenheitiano of Fahrenheit ; et and cum when præcipi-

quædam certain nova new [nomina names, understood], non not inconsultè inconsiderately, quæ which brevis a little usus use reddet will render facilia familiar.

Ad hæc to this [or likewise] metimur we measure mensūrâ vitrêâ by a glass measure, signâtâ graduated æquâlibus at equal intervallis distances, minimas the smallest partes parts liquidōrum of liquids. Etēnim for numērus the number guttârum of drops est is fallax deceptive et and incertus uncertain, [there being] ferè almost bis twice tōtīdem as many guttis drops cujuslibet of any tincturæ tincture, quot as aquæ of water, implentibus for filling eandem the same mensūram measure.

mus we order CALŌREM FERVENTEM a boiling heat, intelligimus we mean istum that qui which notātur is marked ducentesimo at the two hundred duodecimo and twelfth gradu degree. Vērò but CALOR LENIS a gentle heat indicat means eum that [heat] qui which est is inter between nonagesimum the ninetieth et and centesimum the hundredth gradum degree.

Quoties as often as mentio mention fit is made PONDĒRIS SPECIFĪCI of specific weight, ponimus we suppose id the thing, de concerning quo which agitur it is treated, esse to be quinquagesimi of the fifty quinti fifth gradus degree calōris of heat.

BALNĒUM AQUŌSUM a water bath fit is made ubi when quælibet any res thing, contenta contained suo in its vāse vessel, exponitur is exposed aut either aquæ ferventi to boiling water ipsi itself, aut or vapōri to the vapour ejus of it, ut that incalescat it may be heated.

BALNĒUM a bath ARĒNÆ of sand fit is made ex from arēnâ sand paulātim gradually calefaciendâ heated, in into quam which quælibet any res thing imponitur is placed contenta contained suo in its vāse vessel,

# MATERIA MEDICA.

---

IN secundo in the second ordine column, VEGETABILIA *VEGETABLES* designantur are named ex from Speciebus the Species Plantarum of Plants Linnæi of Linneus, editis edited a Willdenow by Willdenow; ANIMALIA - *ANIMALS* secundum according to Linnæi Systēma Natūræ, Linnæus's System of Nature, editum edited a Gmelin by Gmelin; RES CHEMICÆ [and] *CHEMICAL ARTICLES* [according to] recentioribus the new nominibus names, nisi unless sit it be indicatum expressed aliter otherwise.

Abiētis Resīna,  
*Resin of the Spruce Fir.*

Absinthium,  
*Common Wormwood.*

Acāciæ Gummi,  
*Acacia Gum (vulg. Gum Arabic).*

Acētōsæ Folia,  
*Leaves of Sorrel.*

Acetōsella,  
*Woodsorrel.*

Acētum,  
*Vinegar.*

Pīnus Abies,

\* *The concrete Resin.*

Artemisiā Absinthium.

Acāciā vēra,

\* *The Gum.*

Rumex Acētōsa,

\* *The Leaves.*

Oxālis Acetōsella.

Acīdum acēticum impū-  
rum.

---

\* The Latin words *Resina concreta*, *Gummi*, *Folia*, &c. are not inserted, as they would have occasioned a confused appearance.

Acidum sulphuricum,  
*Sulphuric Acid.*

Its *specific gravity* to that  
of distilled water, is as  
1,850 to 1,000.

Aconiti Folia,  
*Leaves of Monk's hood.*

Adeps,  
*Hog's Lard.*

Ærugo,  
*Verdigris.*

Allii Radix,  
*Root of Garlic.*

Alōēs spicātæ Extractum,  
*Extract of spiked Aloes*  
(*vulg. Socotrine Aloes*).

Alōēs vulgāris Extractum,  
*Extract of common Aloes*  
(*vulg. Barbadoes Aloes*).

Althææ Folia et Radix,  
*Leaves and Root of Marsh-*  
*mallows.*

Alūmen,  
*Alum.*

Ammoniācum,  
*Gum Ammoniac.*

Ammōniæ Murias,  
*Muriate of Ammonia.*

Amygdālæ amāræ,  
*Bitter Almonds.*

Amygdālæ dulces,  
*Sweet Almonds.*

Amŷlum,  
*Starch.*

Acidum sulphuricum.

Aconitum Napellus,  
*The Leaves.*

Sus Scrōfa,  
*The Lard.*

Subacētas Cupri impūra,

Allium sativum,  
*The Root.*

Alōē spicāta,  
*The Extract.*

Alōē vulgāris,  
*The Extract.*

SIBTHORP, *Flor. Græc.*  
Althæa officinālis,  
*Leaves and Root.*

SupersulphasAlumīnæ et  
Potassæ,  
Heraclēum Gummifē-  
rum,  
*The Gum Resin.*

WILDENOW, *Hort.*  
*Berol.*

Murias Ammōniæ,

} { Amygdālus communis,  
Var. γ.  
Var. β.  
} { *The Kernels.*  
Triticum hybernum,  
*Wheat Starch.*

Anēthi Semīna,  
*Dill Seeds.*

Anīsi Semīna,  
*Anise Seeds.*

Anthemīdis Flōres,  
*Flowers of Chamomile.*

Antimōnī Sulphūrētum,  
*Sulphuret of Antimony.*

Argentum,  
*Silver.*

Armoraciæ Radix,  
*Root of Horseradish.*

Arsenīci Oxȳdum,  
*Oxide of Arsenic.*

Asāri Folia,  
*Leaves of Asarabacca.*

Assafœtidæ Gummi-resīna,  
*Gum Resin of Assafœtida.*

Avēnæ Semīna,  
*Oats.*

Aurantīi Baccæ,  
*Seville Orange-berries.*

Aurantīi Cortex,  
*Orange Rind.*

Balsāmum Peruviānum,  
*Peruvian Balsam.*

Balsāmum Tolutānum,  
*Balsam of Tolu.*

Bellādonnæ Folia,  
*Leaves of the deadly Night-shade.*

Benzōinum,  
*Benzoin.*

Bistortæ Radix,  
*Bistort Root.*

Anēthum grāveōlens,  
*The Seeds.*

Pimpīnella Anīsum,  
*The Seeds.*

Anthēmis nobilis,  
*The single Flowers.*

Sulphūrētum Antimōnīi,

Argentum purificātum.

Cochleāria Armoraciæ,  
*The Root.*

Oxȳdum Arsenīci album.

Asārum Eurōpœum,  
*The Leaves.*

Ferūla Assafœtida,  
*The Gum Resin.*

Avēna satīva,  
*The Seeds deprived  
of their husks (vulg.  
Grits).*

Citrus Aurantīum (His-  
palense),  
*The Berries.*

*The outer Rind of the  
Berries.*

Myroxylon Peruifērum,  
*The Balsam.*

Toluifēra Balsāmum,  
*The Balsam.*

Atrōpa Bellādonna,  
*The Leaves.*

Styrax Benzōin,  
*The Balsam.*

Polygōnum Bistorta,  
*The Root.*



Cajupūti Olĕum, <i>Cajuput Oil.</i>	Melāleuca Cajupūti, <i>The essential Oil.</i>
Calamīna, <i>Calamine.</i>	Carbōnas Zinci impūra.
Calāmi Radix, <i>Root of the Sweet Flag.</i>	Acōrus Calāmus, <i>The Root.</i>
Calumbæ Radix, <i>Calumba Root.</i>	<i>Plant not yet named.</i>
Cambōgiā, <i>Gamboge.</i>	Stalagmītis Cambogiōi- des, <i>The Gum-Resin.</i>
Camphōra, <i>Camphor.</i>	Laurus Camphōra, <i>A peculiar concrete ob- tained by distillation.</i>
Canellæ Cortex. <i>Canella Bark.</i>	Canella alba, <i>The Bark.</i>
Capsīci Baccæ, <i>Berries of Capsicum, (vulg. Cayenne Pepper).</i>	Capsicum annuum, <i>The Berries.</i>
Carbo Ligni, <i>Charcoal, (fresh burnt).</i>	Carbo Ligni recens.
Cardāmīnes Flores, <i>Cuckoo-flower (or Ladies'- smock).</i>	Cardāmīne pratensis, <i>The Flowers.</i>
Cardāmōmi Semīna, <i>Seeds of Cardamom.</i>	Elettariā Cardamōmum, <i>The Seeds.</i>
Carīcæ Fructus, <i>Figs.</i>	Ficus Carīca, <i>The preserved fruit.</i>
Carūi Semīna, <i>Carraway Seeds.</i>	Carum Carūi, <i>The Seeds.</i>
Carŷōphilli, <i>Cloves.</i>	Eugēnia caryophillāta, <i>The Buds dried.</i>
Carŷophillōrum Olĕum. <i>Oil of Cloves.</i>	<i>Their essential Oil.</i>
Cascārillæ Cortex, <i>Cascarilla Bark.</i>	Crōton Cascārilla, <i>The Bark.</i>
Cassīæ Pulpa, <i>Cassia Pulp.</i>	Cassīa Fistūla, <i>The Pulp of the Pods.</i>



Castoreum, <i>Castor, (Russian).</i>	Castor Fiber (Rossicus), <i>A peculiar Concrete.</i>
Catēchu Extractum, <i>Extract of Catechu.</i>	Acācia Catēchu, <i>The Extract.</i>
Centaurii Cacūmīna, <i>Tops of the Centaury.</i>	Chironia Centaurium, <i>The Tops.</i>
Cera alba, <i>White Wax.</i>	
Cera flava, <i>Yellow Wax.</i>	
Cerevisiæ Fermentum. <i>Yeast.</i>	
Cetācēum, <i>Spermaceti.</i>	Physēter macrocephālus, <i>A peculiar kind of Concrete.</i>
Cinchōnæ cordifoliæ Cortex, <i>Bark of heart-leaved Cinchona (yellow Bark).</i>	Cinchōna cordifolia, <i>The Bark.</i>
Cinchōnæ lancifoliæ Cortex <i>Bark of lance-leaved Cinchona (pale or quilled Bark).</i>	Cinchōna lancifolia, <i>The Bark.</i>
Cinchōnæ oblongifoliæ Cortex, <i>Bark of oblong-leaved Cinchona (red Bark).</i>	Cinchona oblongifolia, <i>The Bark.</i>
Cinnāmōmi Cortex, <i>Bark of Cinnamon.</i>	Laurus Cinnamōmum, <i>The inner Bark.</i>
Cinnāmōmi Olēum, <i>Oil of Cinnamon.</i>	<i>Its essential Oil.</i>
Coccus, <i>Cochineal.</i>	Coccus Cacti.
Colchīci Radix, <i>Root of meadow Saffron.</i>	Colchicum autumnāle, <i>The fresh root.</i>
Colocynthidis Pulpa, <i>Pulp of the bitter Apple.</i>	Cūcūmis Colōcynthis, <i>Pulp of the Fruit.</i>

Conii Folia,  
*Leaves of Hemlock.*

Contrajervæ Radix,  
*Root of Contrayerva.*

Copaiba,  
*Copaiva.*

Coriandri Semina,  
*Coriander Seeds.*

Cornua,  
*Horns (of the Stag).*

Crēta,  
*Chalk.*

Croci Stigmata,  
*Saffron.*

Cumini Semina,  
*Cumin Seeds.*

Cupri Sulphas.  
*Sulphate of Copper.*

Cuspăriæ Cortex,  
*Cusparia (vulg. Angustura)*  
*Bark.*

Cydōniæ Semina,  
*Quince Seeds.*

Dauci Radix,  
*Carrot Root.*

Dauci Semina,  
*Wild Carrot Seeds.*

Digitālis Folia,  
*Leaves of purple Foxglove.*

Dolīchi Pubes,  
*Cowhage.*

Dulcāmāræ Caulis,  
*Stalk of Bittersweet, or*  
*woody Nightshade.*

Elaterii Poma,  
*Fruit of the wild Cucumber.*

Conium maculatum,  
*The Leaves.*

Dorstēniā Contrajerva.  
*The Root.*

Copaifera officinalis,  
*The liquid Resin.*

Coriandrum sativum,  
*The Seeds.*

Cervus Elaphus,  
*The Horns.*

Carbōnas Calcis friabilis.

Crocus sativus (Angli-  
cus),  
*The Stigmata.*

Cuminum Cuminum,  
*The Seeds.*

Sulphas Cupri.

Cuspāria febrifuga.  
*The Bark.*

Pyrus Cydōniā.  
*The Seeds.*

Daucus Carōta (horten-  
sis),  
*The Root.*

Daucus Carōta (agrestis),  
*The Seeds.*

Digitālis purpurēa,  
*The Leaves.*

Dolīchos pruriens,  
*The hair of the Pods.*

Solānum Dulcāmāra,  
*The Stalk.*

Momōrdica Elaterium,  
*The fresh Fruit.*

Elëmi, <i>Elemi.</i>	Amÿris Elemifëra, <i>The Resin.</i>
Euphorbiæ Gummi-resina, <i>The Gum-Resin of Euphor-</i> <i>bium.</i>	Euphorbia officinārum, <i>The Gum-Resin.</i>
Farīna, <i>Flour.</i>	Triticum hybernum, <i>The Flour.</i>
Ferrum, <i>Iron.</i>	Ferri Ramenta et Fila, <i>Iron Filings and Wire.</i>
Filicis Radix, <i>Root of the male Fern.</i>	Aspidium Filix mas, <i>The Root.</i>
Fœnicūli Semina, <i>Seeds of Fennel.</i>	Anëthum Fœnicūlum, <i>The Seeds.</i>
Fucus, <i>Sea-wrack, or bladder Fu-</i> <i>cus.</i>	Fucus vesiculōsus.
Galbāni Gummi-resina, <i>Gum-resin of Galbanum.</i>	Bubon Galbānum, <i>The Gum-resin.</i>
Galla, <i>Gall-nut.</i>	Cynips Quercūs folii, <i>The Nut.</i>
Gentiānæ Radix, <i>Root of Gentian.</i>	Gentiāna lutëa, <i>The Root.</i>
Glycyrrhizæ Radix, <i>Root of Liquorice.</i>	Glycyrrhiza glabra, <i>The Root.</i>
Granāti Cortex, <i>Bark of the Pomegranate.</i>	Punica Granātum, <i>The Bark of the Fruit.</i>
Guaiāci Resina et Lignum, <i>Resin and Wood of Guaia-</i> <i>cum.</i>	Guaiācum officināle, <i>Resin and Wood.</i>
Hæmatoxÿli Lignum, <i>Logwood.</i>	Hæmatoxÿlon Campech- <i>iānum,</i> <i>The Wood.</i>
Hellebōri fœtidi Folia, <i>Leaves of stinking Helle-</i> <i>bore.</i>	Hellebōrus fœtidus, <i>The Leaves.</i>
Hellebōri nigri Radix, <i>Black Hellebore Root.</i>	Hellebōrus niger, <i>The Root</i>

Horděi Semīna,  
*Pearl Barley.*  
Hūmūli Strōbīli,  
*Hops.*

Hydrargyrum,  
*Quicksilver.*

Hyoscyāmi Folīa et Semīna,  
*Leaves and Seeds of Hen-*  
*bane.*

Jalāpæ Radix,  
*Root of Jalap.*  
Ipecacūanhæ Radix,  
*Root of Ipecacuanha.*

Junipēri Baccæ et Cacū-  
mīna,  
*Juniper Berries and Tops.*

Kīno,  
*Kino.*

Lapis calcārēus,  
*Lime Stone.*

Lavandŭlæ Flores,  
*Flowers of Lavender.*

Lauri Baccæ et Folīa,  
*Berries and Leaves of the*  
*Bay tree.*

Līchen,  
*Iceland Moss.*

Limōnes,  
*Lemons.*

Limōnum Cortex,  
*Rind of Lemons.*

Limōnum Olēum,  
*Oil of Lemons.*

Līnum cathartīcum,  
*Purging Flax.*

Līni usitatissīmi Semīna,  
*Common Linseed.*

Hordēum distīchon,  
*The Seeds husked.*  
Hūmŭlus Lŭpŭlus,  
*The dried Strobiles.*

Hyoscyāmus nīger,  
*Leaves and Seeds.*

Convolvŭlus Jalāpa,  
*The Root.*

Callicocca Ipecacūanha,  
*The Root.*

Junipērus commūnis,  
*Berries and Tops.*

*Extract of an African tree*  
*not yet described.*

Carbōnas Calcis dura,

Lavandŭla Spica,  
*The Flowers.*  
Laurus nobīlis,  
*Berries and Leaves.*

Lichen Islandicus.

Citrus medīca,  
*The Fruit.*  
*Their exterior rind.*

*The essential oil of the*  
*outer rind.*

Linum cathartīcum.

Linum usitatissīmum,  
*The Seeds.*

Lytta,  
*Blistering Fly (Cantharis.)*  
 Magnesīæ Sulphas,  
*Sulphate of Magnesia.*  
 Malva,  
*Common Mallow.*  
 Manna,  
*Manna.*  
 Marrubium,  
*White Horehound.*  
 Mastiche,  
*Mastich.*  
 Mel,  
*Honey.*  
 Mentha piperīta,  
*Peppermint.*  
 Mentha viridis,  
*Spearmint.*  
 Menyanthes,  
*Buckbean.*  
 Mezerēi Cortex,  
*Bark of Mezereon.*  
 Mori Baccæ,  
*Mulberries.*  
 Moschus,  
*Musk.*  
 Myristicæ Nuclēi,  
*Nutmegs.*  
 Myrrha,  
*Myrrh.*  
 Olibānum,  
*Olibanum.*  
 Olivæ Olēum,  
*Oil of the Olive.*

Lytta vesicatōria.  
 Sulphas Magnēsīæ puri-  
 ficātæ.  
 Malva sylvestris.  
 Fraxīnus Ornus,  
*The concrete Juice.*  
 Marrubium vulgāre.  
 Pistaciā Lentiscus,  
*The Resin.*  
 Mentha piperīta.  
 Mentha viridis.  
 Menyanthes trifoliāta.  
 Daphne Mezērēum,  
*The Bark of the Root.*  
 Morus nigra,  
*The Berries.*  
 Moschus moschiferus,  
*A peculiar concrete.*  
 Myristica moschāta,  
*The Nuts and their ex-  
 pressed Oil.*  
*The Gum-resin of a tree  
 not yet described.*  
 Juniperus Lycīa,  
*The Gum-resin.*  
 Olēa Eurōpœa,  
*Expressed Oil of the  
 Fruit.*

Opium,  
*Opium.*

Opopanăcis Gummi-resina,  
*Gum-resin of Opopanax.*

Origănum,  
*Common Marjoram.*

Ovum,  
*An Egg.*

Papaveris Capsulæ,  
*Capsules of the white Poppy.*

Petrölëum,  
*Petroleum.*

Pimentæ Baccæ,  
*Pimenta Berries.*

Pipëris longi Fructus,  
*Fruit of long Pepper.*

Pipëris nigri Baccæ  
*Black Pepper Berries.*

Pix arida,  
*Burgundy Pitch.*

Pix liquida,  
*Tar.*

Plumbi Subcarbōnas,  
*Subcarbonate of Lead.*

Plumbi Oxȳdum semivitrëum,  
*Semi-vitrified Oxide of Lead.*

Porri Radix,  
*Root of the Leek.*

Potassæ Nitras,  
*Nitrate of Potass.*

Potassæ Supertartras,  
*Supertartrate of Potass.*

Păpăver somnifërum,  
*The concrete Juice of the unripe Capsules (Turkey).*

Pastināca Opopăanax,  
*The Gum-resin.*

Origănum vulgäre.

Phasiānus Gallus,  
*The Eggs.*

Papaver somnifërum,  
*The ripe Capsules.*

Myrtus Pimenta,  
*The Berries.*

Piper longum,  
*The unripe Fruit dried*

Piper nigrum,  
*The Berries.*

Pinus Abies,  
*The prepared Resin.*

Pinus sylvestris,  
*The liquid prepared Resin.*

Subcarbōnas Plumbi.

Allium Porrum,  
*The Root.*

Nitras Potassæ purificāta.

Supertartras Potassæ purificāta.

Potassa impūra, <i>Impure Potass.</i>	Subcarbōnas Potassæ im- pura.
Prūna, <i>Prunes.</i>	Prunus domestīca, <i>The dried fruit.</i>
Pterocarpi Lignum, <i>Red Saunders Wood.</i>	Pterocarpus santalīnus, <i>The Wood.</i>
Pulegĭum, <i>Pennyroyal.</i>	Mentha Pulegĭum.
Pyrēthri Radix, <i>Root of the Pellitory of Spain.</i>	Anthēmis Pyrēthrum, <i>The Root.</i>
Quassīæ Lignum, <i>Quassia Wood.</i>	Quassia excelsa, <i>The Wood.</i>
Quercūs Cortex, <i>Bark of the Oak.</i>	Quercus pedunculāta, <i>The Bark.</i>
Resīna flava, <i>Yellow Resin.</i>	Pinus sylvestris, <i>The residue left after the Oil of Turpentine has been distilled.</i>
Resīna nigra, <i>Black Resin.</i>	Pinus sylvestris, <i>The prepared solid Resin.</i>
Rhamni Baccæ, <i>Buckthorn Berries.</i>	Rhamnus catharticus, <i>The Berries.</i>
Rhēi Radix, <i>Root of Rhubarb.</i>	Rhēum palmātum, <i>The Root.</i>
Rhœādos Petāla, <i>Petals of the red Poppy.</i>	Pāpāver Rhœas. <i>The Petals.</i>
Ricīni Olĕum et Semīna, <i>Castor Oil and Seeds.</i>	Ricīnus commūnis, <i>The Seeds, and the Oil expressed from them.</i>
Rosæ canīnæ Pulpa, <i>Pulp of the Dog-rose. (The hip.)</i>	Rosa canīna. <i>The expressed Pulp of the Berries.</i>
Rosæ centifoliæ Petāla, <i>Petals of the Damask Rose.</i>	Rosa centifolĭa, <i>The Petals.</i>
Rosæ Gallicæ Petāla, <i>Petals of the Red Rose.</i>	Rosa Gallīca, <i>The Petals.</i>



Rosmārini Cacūmīna,  
*Tops of Rosemary.*

Rubīæ Radix,  
*Madder Root.*

Rutæ Folia,  
*Leaves of Rue.*

Sabīnæ Folia,  
*Leaves of Savine.*

Sacchārum,  
*Moist Sugar.*

Sacchārum purificātum,  
*Double Refined Sugar.*

Sagāpēnum,  
*Sagapenum.*

Salicis Cortex,  
*Bark of the Willow.*

Sambūci Flōres,  
*Flowers of Elder.*

Sapo dūrus,  
*Hard Soap.*

Sapo mollis,  
*Soft Soap.*

Sarsāpāpillæ Radix,  
*Root of Sarsaparilla.*

Sassāfras Lignum et Radix,  
*Wood and Root of Sassafras.*

Scammonēæ Gummi-resīna,  
*Gum-resin of Scammony.*

Scillæ Radix,  
*Root of the Squill.*

Senēgæ Radix,  
*Root of Senega.*

(*Seneka or Rattlesnake Root*)

Sennæ Folia,  
*Leaves of Senna.*

Rosmarīnus officinālis,  
*The Tops.*

Rubīa Tinctōrum,  
*The Root.*

Ruta grāveōlens.

Junipērus Sabīna.  
*The Leaves.*

} Sacchārum officināle,  
*Preparations from the ex-  
pressed Juice.*

*The gum-resin of a plant  
not yet described.*

Salix Caprēa,  
*The Bark.*

Sambūcus nigra,  
*The Flowers.*

*Soap made from Oil of  
Olives and Soda (Span-  
ish).*

*Soap made from Oil and  
Potass.*

Smīlax Sarsāpārilla,  
*The Root.*

Laurus Sassāfras,  
*Wood and Root.*

Convolvōlus Scammonēa  
*The Gum-resin.*

Scilla maritīma,  
*The Root.*

Polygāla Senēga,  
*The Root.*

Cassīa Senna  
*The Leaves.*



Serpentariæ Radix,  
*Serpentary (or Virginian  
Snake Root).*

Sevum,  
*(Mutton) Suet.*

Simārōubæ Cortex,  
*Simarouba Bark.*

Sināpis Semīna,  
*Mustard Seeds.*

Sodæ Murīas,  
*Muriate of Soda  
(Common Salt).*

Sodæ Sub-bōras,  
*Sub-borate of Soda  
(Borax).*

Sodæ Sulphas,  
*Sulphate of Soda.*

Soda impūra,  
*Impure Soda.*

Spartii Cacūmīna,  
*Broom Tops.*

Spigēliæ Radix,  
*Root of the Indian Pink.*

Spirītus rectificātus,  
*Rectified Spirit.*

*Its specific gravity is to that  
of Distilled Water as 835  
to 1,000.*

Spirītus tenuior,  
*Proof Spirit.*

*Its specific gravity is to that  
of Distilled Water as 930  
to 1,000.*

Spongīa,  
*Sponge.*

Stannum,  
*Tin.*

Aristolōchīa Serpentarīa,  
*The Root.*

Ovis Ariēs,  
*The Suet.*

Quassīa Simārōuba,  
*The Bark.*

Sināpis nigra,  
*The Sceds.*

Murīas Sodæ.

Sub-bōras Sodæ.

Sulphas Sodæ.

Subcarbōnas Sodæ im-  
pūra.

Spartium scopārium,  
*The Tops.*

Spigēlia Marilandīca,  
*The Root.*

Spongīa officinālis.

*Tin Filings.*

Staphisagrīæ Semīna,  
*Seeds of Stavesacre.*

Styrācis Balsāmum,  
*Balsam of Storax.*

Succinum,  
*Amber.*

Sulphur,  
*Sulphur.*

Sulphur sublimātum,  
*Sublimed Sulphur.*

Tabāci Folīa,  
*Leaves of Tobacco.*

Tamārindi Pulpa,  
*The Pulp of the Tamarind.*

Taraxāci Radix,  
*Root of the Dandelion.*

Tartārum,  
*Tartar.*

Terebinthīna Canadensis,  
*Canadian Turpentine.*

Terebinthīna Chīa,  
*Cyprus Turpentine.*

Terebinthīna vulgāris,  
*Common Turpentine.*

Terebinthīnæ Olĕum,  
*Oil of Turpentine.*

Testæ,  
*(Oyster) Shells.*

Tormentillæ Radix,  
*Root of Tormentil.*

Toxicōdendri Folīa,  
*Leaves of Sumach.*

Tragācantha,  
*Tragacanth.*

Tussilāgo,  
*Coltsfoot.*

DelphiniumStaphisagrīa,  
*The Seeds.*

Styrax officināle,  
*The Balsam.*

Nicotiāna Tabācum,  
*The dried Leaves*  
*(Virginian).*

Tamārindus Indīca,  
*The Pulp of the Pod.*

Leontōdon Taraxācum,  
*The Root.*

Potassæ Supertartras  
impūra.

Pinus Balsamĕa,  
*The liquid Resin.*

Pistāciā Terebinthus,  
*The liquid Resin.*

} Pinus sylvestris,  
} *The liquid Resin and the*  
} *Oil distilled from it.*

Ostrĕa edūlis,  
*The Shell.*

Tormentilla officinālis,  
*The Root.*

Rhus Toxicōdendron,  
*The Leaves.*

Astrāgālus vērus.  
*The Gum.*

Tussilāgo Farfāra.

Valeriānæ Radix,  
*Root of Valerian.*

Verātri Radix,  
*Root of White Hellebore.*

Vinum,  
*Wine.*

Ulmi Cortex,  
*Bark of the Elm.*

Uvæ passæ,  
*Raisins.*

Uvæ Ursi Folia,  
*Leaves of the Wortleberry.*

Zincum,  
*Zinc.*

Zingibēris Radix,  
*Ginger Root.*

Valeriāna officinālis,  
(sylvestris),  
*The Root.*

Verātrum album,  
*The Root.*

Vinum album Hispani-  
cum,  
*Sherry.*

Ulmus campestris,  
*The inner bark.*

Vitis vinifera,  
*The prepared Berries.*

Arbūtus Uva Ursi,  
*The Leaves.*

Zincum.

Zingiber officināle,  
*The Root.*

PRÆPARĀTA ET COMPOSITA.  
PREPARATIONS AND COMPOUNDS.

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ACĪDA.

ACIDS.

ACĪDUM ACETĪCUM.

ACETIC ACID.

℞ or Rēcipe take congĭum a gallon Acēti of  
*Vinegar* ;

Distillet Acĭdum acetĭcum *let the acetic Acid distil, balnĕo in a bath ārēnæ of sand, ex from retortâ vĭtrĕâ a glass retort in into vĭtrĕum a glass receptācŭlum receiver et and frigĕfactum made cool ; tum then pĕrmo the first octarĭo pint rejecto being rejected, serva keep sex the six octarĭos pints proxĭmĕ next distillātos distilled.*

ACĪDUM BENZÖĪCUM.

BENZOIC ACID.

Rēcipe take libram a pound cum with semisse half (a pound) Benzöĭni of Benzoin ; quatŭor four uncĭas ounces recentis of fresh Calcis Lime ; congĭum a gallon cum with semisse half (a gallon) Aquæ of Water ; quatŭor four fluiduncĭas fluid ounces muriatĭci of muriatic Acĭdi Acid ;

Tere rub Benzöinum the Benzoin cum with Calce the Lime; dein then coque boil per for dimīdīam half horam an hour in congĭo in a gallon Aquæ of water, dum whilst movētur it is moved assīduè constantly spathâ with a spatula, et and effunde pour off refrigerātum the cooled liquōrem liquor. Quod that which est is rēliquum left coque boil itērum again in quatŭor in four octariis pints Aquæ of Water, et and effunde pour off liquōrem the liquor ut as antea before. Deinde then decōque boil down liquōres the liquors mistos mixed inter among se themselves [i. e. mixed together] ad to dimīdīum half; tum then cola strain per through chartam paper, et and instilla drop in gradātīm gradually muriaticum the muriatic Acidum Acid, donec until nihil nothing amplius more demittātur be precipitated. Denīque lastly, liquōre the liquor effūso being poured off, exsicca dry pulvĕrem the powder leni with a gentle calōre heat, et and immitte put it in idōneum into a proper vas vessel positum placed super upon arēnam sand; tum then lento igne with a slow fire sublīma sublime Acidum benzöicum the benzoic Acid.

In the above process, the benzoic Acid being separated from the resinous part of the Benzoin by the Lime, a *Benzoate of Lime* is formed in solution: this becomes decomposed by the muriatic Acid, which having the greater affinity for the Lime combines with it, and a *Muriate of Lime* is held in solution, whilst the benzoic Acid is set free and precipitated in the form of a brown powder; which is afterwards bleached by the sublimation, and then it has a beautifully white and silky appearance.

## ACĪDUM CITRĪCUM

## CITRIC ACID.

*Recipe take octarium a pint Succī of the Juice Limōnum of Lemons; uncīam an ounce præparatæ of prepared Cretæ Chalk, vel or quantum as much as sit may be satis sufficient ad to saturandum saturate succum the juice; novem nine fluiduncias fluid ounces dilūti of diluted Acīdi sulphurīci sulphuric Acid;*

*Adjice add Cretam the chalk paulatim gradually Succo to the juice Limōnum of Lemons fervefacto made hot et and misce mix; tum then effunde pour off liquōrem the liquor. Ablūe wash Citrātem the Citrate Calcis of Lime, quæ which remānet remains, tēpidā with tepid aquā water sæpius often renōvatā renewed; dein then sicca dry. Tum then superinfunde pour dilūtum the diluted sulphuricum sulphuric Acīdum Acid siccāto to the dried pulvērī powder, et and coque boil per for sextam the sixth partem part horæ of an hour, exprime press fortiter strongly per through lintēum linen, et and cōla strain per through chartam paper. Consūme evaporate liquōrem the liquor qui which transiērit shall have passed over leni with a gentle calōre heat, adeò so ut that, dum whilst frigescit it cools, crystalli crystals fiant may be made. Ligua dissolve crystallos the crystals itērum again et and tertio thirdly (i. e. thrice) in aquā in water, ut that sint they may be puræ pure, que and cōla strain eam it (i. e. the solution) toties as often (i. e. thrice); decoque boil down et and sepōne set aside.*

An insoluble *Citrate of Lime* is first formed by the union of the citric Acid contained in the lemon juice, with the Lime of the Chalk, while the carbonic Acid of the Chalk is given off as Gas. The sulphuric Acid next, from its greater affinity for the Lime, unites with it, and a precipitate of *Sulphate of Lime* is formed, whilst the citric Acid is set free and held in solution. It then crystallizes in the form of rhomboidal prisms.

## ACĪDUM MURIATĪCUM.

## MURIATIC ACID.

Rēcipe take duas two libras pounds exsiccātæ of dried Muriātis *Muriate Sodæ of Soda*; viginti twenty uncias ounces (pondere by weight) sulphurici of sulphuric Acīdi Acid; octarium a pint cum with semisse half (a pint) distillātæ of distilled Aquæ Water;

Prius first misce mix Acīdum the Acid cum with dimidio half octario a pint Aquæ of Water in vitrēa in a glass retortâ retort, et and his to these, ubi when refrixerint they shall have cooled, adjice add Muriātem the *Muriate Sodæ of Soda*. Infunde pour quod that which est is rēliquum left Aquæ of the Water in rēceptaculum into a receiver; tum then, retortâ the retort aptatâ being fitted, transēat let pass over muriaticum the muriatic Acīdum Acid ex from balneo a bath arēnæ of sand in hanc into this aquam water, calore the heat aucto being increased gradatim gradually, donec until retorta the retort rubescat grows red.

Specificum the specific pondus gravity muriatici of muriatic Acīdi Acid est is ad to specificum the specific pondus gravity distillātæ of distilled Aquæ



*water, ut as 1.160 ad to 1.000—[mille one thousand centum one hundred et and sexaginta sixty (partes parts sunt are) ad to mille one thousand.]*

*Si if in into fluidunciam a fluid ounce ejus of this, dilūtam diluted Aquâ with Water, frustūlum a piece Lapidis calcārei of lime Stone injiciātur be thrown, ducenta two hundred et and vīginti twenty grāna grains debent ought liquāri to be dissolved.*

The Muriate of Soda becomes decomposed by the greater affinity of the sulphuric Acid for the Soda: the muriatic Acid being thus disengaged, passes over into the receiver, and is condensed by the water, leaving a *Supersulphate of Soda* in the retort.

But Mr. Anthony Todd Thomson, in his London Dispensatory, says, “ *If we admit the doctrine of Chlorine, we must adopt the following explanation of Sir H. Davy, who regards dry common Salt as a compound of Chlorine and Sodium, and consequently containing neither muriatic Acid nor Soda. In the processes of the Pharmacopœias, therefore, for obtaining muriatic Acid, the water of the sulphuric Acid is decomposed, its Oxygen unites to the Sodium, and forms Soda, which combining with the sulphuric Acid produces a Sulphate of Soda; while the Hydrogen of the decomposed water combines with the Chlorine, and forms muriatic Acid Gas, which, dissolving in the water contained in the receiver, constitutes the liquid acid. The residue of the process is Sulphate of Soda, with an excess of acid.*”

## ACĪDUM NITRĪCUM.

### NITRIC ACID.

*Recipe take exsiccātæ of dried Nitrātis Nitrate Potassæ of Potass; (and) sulphurīci of sulphuric*



*Acīdi Acid*, singulōrum of each duas two lībras pounds (pondēre by weight) ;

Misce mix in vitrēâ in a glass retortâ retort ; tum then distillet Acīdum nitrīcum let the nitric Acid distil balnēo in a bath arēnæ of sand, donēc until ruber a red vapor vapour prōdēat be produced. Dein then, adjectâ having cast insūper thereon uncīâ an ounce exsiccātæ of dried Nitrātis Nitrate Potassæ of Potass, Acīdum distillet let the Acid distil itērum again eōdem in the same mōdo manner.

Specificum the specific pondus gravity nitrīci of nitric Acīdi Acid est is ad to specificum the specific pondus weight distillātæ of distilled Aquæ water ut as 1.500 ad to 1.000 — [mille one thousand, quingentæ five hundred (partes parts sunt are) ad to mille one thousand (partes parts).]

Si if in fluiduncīam into a fluid ounce ejus of this dilūtam diluted Aquâ with Water, frustūlum a piece Lapidis calcārei of lime Stone immittātur be thrown, uncīa an ounce debet ought liquāri to be dissolved.

The sulphuric Acid uniting with the Potass, forms a *Supersulphate of Potass*, and the nitric Acid being thus set at liberty, is brought over by distillation.

## ACĪDUM NITRĪCUM DILŪTUM.

### DILUTED NITRIC ACID.

Recīpe take fluidūncīam a fluid ounce nitrīci of nitric Acīdi Acid ; novem nine fluiduncīas fluid ounces distillātæ of distilled Aquæ Water ;

Misce mix.

## ACĪDUM SULPHURĪCUM DILŪTUM.

*DILUTED SULPHURIC ACID.*

Recīpe take fluidunciām a fluid ounce cum with semisse half (an oz.) sulphurīci of sulphuric Acīdi Acid; quātuordēcim fourteen fluiduncias fluid ounces cum with semisse half (an oz.) distillātæ of distilled Aquæ Water;

Adjice add Acīdum the Acid Aquæ to the Water paulātim by little and little; tum then misce mix.

Sulphuric Acid having a very great affinity for water, so considerable an increase of temperature is produced during their combination, that if care be not taken, the mixture will crack the vessel in which it is made. The acid must be added to the water by a little at a time.

## ALKĀLIA ET EŌRUM SALES.

*ALKALIES AND THEIR SALTS.*

## AMMŌNIÆ SUBCARBŌNAS\*

*SUBCARBONATE OF AMMONIA.*

Recīpe take libram a pound Muriātis of the Muriate Ammōniæ of Ammonia; libram a pound

\* Observe, the Alkaline Salts are not, properly speaking, *neutral*; therefore, when the Alkali is in excess, the syllable *sub* is added; but when *super* is prefixed to the quality of a Salt, the Acid predominates.

*cum with semisse half (a pound) preparātæ of prepared Crētæ Chalk exsiccātæ dried ;*

*Tere rub (them) in pulvĕrem into a powder separātim separately ; tum then misce mix, et and sublĭma sublime, calōre the heat aucto being increased paulātīm gradually, donec until retorta the retort rubescat grows red.*

A double decomposition here takes place. The Lime in the Chalk, after a considerable degree of heat has been applied, combines with the muriatic Acid of the Muriate of Ammonia, forming *Muriate of Lime*, and the Ammonia unites with the carbonic Acid of the Lime, and is sublimed, forming a *Subcarbonate*.

### LIQUOR AMMŌNIÆ.

#### LIQUOR OF AMMONIA.

*Recĭpe take octo eight uncĭas ounces Muriātis of the Muriate Ammōniæ of Ammonia ; sex six uncĭas ounces recentis of fresh Calcis Lime ; quatŭor four octariŭs pints Aquæ of Water ;*

*Superinfunde pour octariŭm a pint Aquæ of the Water Calci to the Lime ; tum then contĕge cover vas the vessel, et and sepōne set aside per for hōram an hour ; dein then adjĭce add Muriātem the Muriate Ammōniæ of Ammonia et and reliquam the remaining Aquam Water prius first fervefactam made hot, et and contĕge cover vas the vessel itĕrum again ; cola strain liquōrem the liquor postquam after refrixĕrit it shall have cooled ; tum then distillent let there distil duodĕcim twelve fluiduncĭæ fluid ounces Liquōris of the Liquor Ammōniæ of Ammonia.*

Specificum *the specific* pondus *gravity* Liquōris of the Liquor Ammōniæ of Ammonia est is ad to pondus *the weight* distillatæ of distilled Aquæ Water ut as 0.960 ad to 1.000 — [nongentæ nine hundred et sexaginta and sixty (partes parts sunt are) ad to mille one thousand partes parts].

The Lime, having the greater affinity for the muriatic Acid contained in the Muriate of Ammonia, attracts it, forming a *Muriate of Lime*, whilst the Ammonia uniting with the water is held in solution.

### LIQUOR AMMŌNIÆ ACETĀTIS.

#### LIQUOR OF ACETATE OF AMMONIA.

Recipe take duas two uncias ounces Subcarbonātis of the Subcarbonate Ammōniæ of Ammonia; quatūor four octarios pints acetici of acetic Acidi Acid;

Adjice add Acidum the Acid Subcarbonāti to the Subcarbonate Ammōniæ of Ammonia, donec until bullulæ bubbles excitentur are excited non no amplius longer, et and misce mix.

The acetic Acid of the Vinegar, uniting with the Ammonia, forms an *Acetate of Ammonia* dissolved in water. Effervescence takes place during the process, occasioned by the escape of carbonic Acid Gas.

### LIQUOR AMMŌNIÆ SUBCARBONĀTIS.

#### LIQUOR OF SUBCARBONATE OF AMMONIA.

Recipe take quatūor four uncias ounces Subcarbonātis of the Subcarbonate Ammōniæ of Ammonia; octarium a pint distillatæ of distilled Aquæ Water;

*Liqua dissolve Subcarbonātem the Subcarbonate Ammōniæ of Ammonia in Aquâ in the Water, et and cōla strain per through chartam paper.*

Merely a solution of the Salt in the water.

### LIQUOR POTASSÆ.

#### LIQUOR OF POTASS.

*Recīpe take libram a pound Subcarbonātis of the Subcarbonate Potassæ of Potass; dimīdiām half libram a pound recentis Calcis of fresh Lime; congīum a gallon ferventis of boiling distillātæ distilled Aquæ Water;*

*Liqua dissolve Potassam the Potass in duōbus in two octariīs pints Aquæ of the Water. Adjice add quod that which est is rēliquum left Aquæ of the Water Calci to the Lime. Misce mix calentes the heated liquōres liquors inter among se themselves [i. e. together]; tum then sepōne set aside in clauso in a covered vase vessel, et and, postquam after refrixērint they shall have cooled, cōla strain per through gossipīnum cotton pannum cloth.*

*Si if quodlibet any dilūtum diluted Acīdum Acid instillātum dropped in excitet excite bullūlas bubbles, oportēbit it will be necessary adjicere to add plus more Calcis of the Lime, et and colāre to filter itērum again.*

*Octariūs a pint hujus Liquōris of this Liquor debet ought pendere to weigh sedēcim sixteen uncias ounces.*

The Lime deprives the Subcarbonate of Potass of its carbonic Acid, leaving the Potass in solution. If

not carefully preserved, it will very rapidly attract carbonic Acid from the atmosphere. Cotton cloth is used for a filter because it is not acted upon by the Potass.

### LIQUOR POTASSÆ SUBCARBONĀTIS.

#### LIQUOR OF THE SUBCARBONATE OF POTASS.

Recīpe take libram a pound Subcarbonātis of the Subcarbonate Potassæ of Potass; duodēcim twelve fluiduncias fluid ounces distillātæ of distilled Aquæ Water;

Liqua dissolve Subcarbonātem the Subcarbonate Potassæ of Potass in Aquâ in the Water, et and cōla strain per through chartam paper.

Merely a solution of the Alkali.

### POTASSA CUM CALCE.

#### POTASS WITH LIME.

Recīpe take tres three octarios pints Liquōris of the Liquor Potassæ of Potass; libram a pound recentis of fresh Calcis Lime;

Decoque boil down Liquōrem the Liquor Potassæ of Potass ad to octarium a pint; dein then adjice add Calcem the Lime, resolūtā slaked Aquâ by Water affūsâ being poured thereon, et and diligenter diligently misce mix.

The Potass and Lime are here mechanically mixed; and the former is rendered less deliquescent by its union with the latter, and thereby becomes more manageable as an escharotic.

## POTASSA FUSA.

*FUSED POTASS.*

Recipe take congiūm a gallon Liquōris of the  
Liquor Potassæ of Potass ;

Consūme evaporate Aquam the Water in nītīdo in  
a clean ferrēo iron vase vessel ad ignem upon the  
fire, donec until, ebullitiōne the ebullition finītā  
being finished, Potassa the Potass liquefiat becomes  
melted : effunde pour hanc this super upon fer-  
rēam an iron lamīnam plate in into idonēas conve-  
nient formas shapes.

## POTASSÆ ACĒTAS.

*ACETATE OF POTASS.*

Recipe take lībram a pound Subcarbonātis of the  
Subcarbonate Potassæ of Potass cum with se-  
misse half (a pound) ; congiūm a gallon acetīci  
of acetic Acīdi Acid ;

Misce mix simul together in capāci in a capacious  
vitrēo glass vāse vessel, et and, dimīdiā the half  
parte part consumptā being evaporated ad ignem  
over the fire, instilla drop insūper thereon paulā-  
tim gradually quod what sit may be satis enough  
acetīci of the acetic Acīdi Acid ad plēnam for a  
complete saturatiōnem saturation. Liquor va-  
pōret let the Liquor evaporate itērum again ad  
to dimidiūm half, et and colētur let it be strained ;  
tum then consumātur let it be evaporated aquō-  
so balnēo in a water bath, sic so ut that, remōtus



*being removed ab from igne the fire, abēat it may be transformed in into crystallos crystals.*

The acetic Acid, attracted by the Potass, forms *Acetate of Potass* in a state of solution: effervescence takes place occasioned by the giving off of the carbonic Acid. But Dr. Powell says, "*The crystallization depends upon the liquefaction of the dry Salt by heat, and the assumption of a regular form as it cools, rather than on separation from its solution in water.*"

### POTASSÆ CARBŌNAS.

#### CARBONATE OF POTASS.

*Recīpe take libram a pound Subcarbonātis of the Subcarbonate Potassæ of Potass ex from Tartāro Tartar; tres three uncias ounces Subcarbonātis of the Subcarbonate Ammōniæ of Ammonia; octariūm a pint distillātæ of distilled Aquæ Water;*

*Adjice add Subcarbonātem the Subcarbonate Ammōniæ of Ammonia Potassæ to the Potass liquātæ dissolved in Aquâ in the Water; tum then balnĕo in a bath arĕnæ of sand adhibe apply 180<sup>m</sup> [centesimum the hundred et and octogesimum eightieth] gradum degree calōris of heat per for tres three horas hours, vel or donec until Ammōnia the Ammonia fuĕrit shall be expulsa expelled; denique lastly, sepōne set aside ut that crystalli crystals fiant may be made. Sīmili in the like modo manner rĕliquus liquor consumātur let the remaining liquor be evaporated, ut that, ubi when seposuĕris you shall have set aside crystalli crystals prodĕant may form itĕrum again.*



The Potass is here saturated by the carbonic Acid contained in the Subcarbonate of Ammonia, it having the greater affinity for that Acid ; the Ammonia consequently being set at liberty is driven off by the heat used in the process.

Crystals. White, quadrangular prisms.

## POTASSÆ SUBCARBŌNAS.

### THE SUBCARBONATE OF POTASS.

*Recipe take tres three libras pounds contrītæ of powdered impūræ impure Potassæ Potass ; tres three octarios pints ferventis of boiling Aquæ Water cum with semisse half (a pint) ;*

*Liqua dissolve Potassam the Potass in Aquâ in the Water, et and cola strain ; tum then effunde pour off in into nitĭdum a clean ferrĕum iron vas vessel, et and consūme evaporate Aquam the Water lento by a slow igne fire, ut that liquor the liquor spissescat may thicken ; dein then, igne the fire subducto being removed, move stir assiduè constantly ferrĕâ with an iron spathâ spatula, donec until Sal the Salt abĕat forms in parvŭla in small grāna grains.*

*Puriŏr a more pure Subcarbŏnas Subcarbonate Potassæ of Potass potest may præparâri be prepared eodem in the same modo manner ex from Tartăro Tartar, quod which fuĕrit shall have been priŭs first ustum burnt, donec until sit it be cinĕrei of an ashy colŏris colour.*

Merely Subcarbonate of Potass separated in some measure from its impurities and evaporated.

## POTASSÆ SULPHAS.

## SULPHATE OF POTASS.

Recipe take salis of the salt qui which restat remains post after distillatiōnem the distillation nitrici of nitric Acidi Acid duas two libras pounds; ferventis of boiling Aquæ Water duos two congios gallons;

Misce mix, ut that Sal the Salt liquētur may be dissolved; tum then adjice add Subcarbonātis of the Subcarbonate Potassæ of Potass quod that which sit may be satis sufficient ad to saturandum saturate Acidum the Acid. Dein then coque boil donec until pellicūla a pellicle supernātet swims upon (the top,) et and, ubi when colavēris you shall have strained, sepōne set aside, ut that crystalli crystals fiant may be made. Effūsâ having poured off aquâ the water, exsicca dry has these super upon bibulam bibulous chartam paper.

The Potass here neutralizes the excess of sulphuric Acid, which remains in the Salt after the distillation of nitric Acid (see Nitric Acid), changing the Salt from a *supersulphate* to a *sulphate of Potass*. During the process the carbonic Acid is given off.

Crystals. Small six-sided prisms, terminated by six-sided pyramids.

## POTASSÆ SUPERSULPHAS.\*

## SUPERSULPHATE OF POTASS.

Recipe take Salis of the Salt qui which restat remains post after distillatiōnem the distillation nitrici of nitric Acidi Acid duas two libras

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\* See Note, p. 26.

*pounds ; ferventis of boiling Aquæ Water quatŭor four octariŭs pints ;*

Misce mix, ut *that* Sal the Salt liquētur may be dissolved, et and cōla strain. Dein then coque boil ad to dimidiŭm half, et and sepone set aside, ut *that* crystalli crystals fiant may be made. Exsicca dry has these super upon bibŭlam bibulous chartam paper, aquâ the water effūsâ being poured off.

After reading the note on Potassæ Sulphas, the meaning of this last preparation is self-evident.

Crystals. Long, slender, hexangular prisms.

### POTASSÆ TĀRTRAS.

#### TARTRATE OF POTASS.

Reciġe take sedċim sixteen uncġas ounces Subcarbonātis of the Subcarbonate Potassæ of Potass ; tres three lġbras pounds Supertartrātis of the Supertartrate Potassæ of Potass ; congġum a gallon ferventis of boiling Aquæ Water ;

Liqua dissolve Subcarbonātem the Subcarbonate Potassæ of Potass in Aquâ in the Water ; tum then adjġce add Supertartrātem the Supertartrate Potassæ of Potass tritam rubbed in into pulvġrem a powder, donec until bullŭlæ bubbles non no ampliŭs longer excitentur are excited. Cola strain liquōrem the liquor per through chartam paper ; dein then coque boil donec until pellicŭla a pellicle supernātet swims upon (the top), et and sepōne set aside, ut *that* crystalli crystals fiant may be formed. Exsicca dry has these super upon bibŭlam bibulous chartam papeer Aquâ the Water effūsâ having been poured off.

The Potass, having less affinity for carbonic than for tartaric Acid, quits the former and is taken up by the superabundant Acid of the Supertartrate of Potass, whilst the carbonic Acid escapes, occasioning effervescence to take place.

Crystals.—Four-sided prisms. It is met with in shops in form of a white granular powder, which is obtained by evaporating to dryness, frequently stirring.

### SODA TARTARIZĀTA.

*Recipe take vīginti twenty uncias ounces Subcarbonātis of the Subcarbonate Sodæ of Soda ; duas two libras pounds contrītæ of powdered Supertartrātis Supertartrate Potassæ of Potass ; decem ten octarios pints ferventis of boiling Aquæ Water ;*

*Liqua dissolve Subcarbonātem the Subcarbonate Sodæ of Soda in Aquâ, in the Water, et and adjice add paulātim by degrees Supertartrātem the Supertartrate Potassæ of Potass. Cōla strain liquōrem the liquor per through chartam paper ; tum then coque boil donec until pellicūla a pellicle supernātet swims, et and sepōne set aside ut that crystalli crystals fiant may be formed. Exsicca dry has these super upon bibūlam bibulous chartam paper, aquâ the water effusâ having been poured off.*

The excess of Acid in the Supertartrate of Potass is here saturated by the Soda of the Subcarbonate, whilst the carbonic Acid is given off as Gas; and a *triple Salt*, containing *Potass, Soda, and Tartaric Acid*, is the result of the evaporation.

Crystals. Eight or ten-sided prisms, with ends truncated at right angles.

## SODÆ CARBŌNAS.

Recĭpe take libram a pound Subcarbonātis of the Subcarbonate Sodæ of Soda ; tres three uncĭas ounces Subcarbonātis of the Subcarbonate Ammonĭæ of Ammonia ; octariūm a pint distillātæ of distilled Aquæ Water ;

Adjĭce add Ammonĭam the Ammonia Subcarbonāti to the Subcarbonate Sodæ of Soda liquātæ dissolved in Aquâ in the Water ; tum then balnĕo in a bath arĕnæ of sand adhĭbe apply 180m. [centĕsimum the hundred et and octogĕsimum eightieth gradum degree] calōris of heat per for tres three horas hours, vel or donec until Ammonĭa the Ammonia expulsa fuĕrit shall be expelled. De-nĭque lastly, sepōne set aside ut that crystalli crystals fiant may be formed. Simĭli in a similar modo manner rĕliquus the remaining liquor liquor consumātur may be evaporated, et and seponātur set aside, ut that crystalli crystals prodĕant may form ĭtĕrum again.

Compare the above process with that of “ Potassæ Carb.” which is exactly similar.

Crystals. Large transparent octohedrons.

## SODÆ SUBCARBŌNAS.

## SUBCARBONATE OF SODA.

Recĭpe take libram a pound impūræ of impure Sodæ Soda trītæ rubbed in into pulvĕrem a powder ; quātūor four octariōs pints ferventis of boiling distillātæ distilled Aquæ Water ;

Coque boil Sodam the Soda in Aquâ in the Water per for dimĭdĭam half horam an hour, et and cōla

*strain. Hæc vāporet let this evaporate ad to duos two octarios pints, et and seponātur be set aside, ut that crystalli crystals fiant may be formed ; rejice reject superstitem the remaining liquorem liquor.*

### SODÆ SUBCARBŌNAS EXSICCĀTA.

#### DRIED SUBCARBONATE OF SODA.

*Recipe take libram a pound Subcarbonātis of the Subcarbonate Sodæ of Soda ;*

*Adhibe apply ferventem a boiling calōrem heat Subcarbonāti to the Subcarbonate Sodæ of Soda, in nītido in a clean ferrēo iron vāse vessel, donec until exsiccētur it be dried pēnitus thoroughly ; que and move stir eam it assiduè carefully simul together ferrēâ with an iron spathâ spatula. Denique lastly, tere rub in into pulvĕrem a powder.*

Heat deprives the Alkali of its water of crystallization.

### SODÆ SULPHAS.

#### SULPHATE OF SODA.

*Recipe take duas two libras pounds Salis of the Salt qui which restat remains post after distillationem the distillation muriatīci of muriatic Acīdi Acid ; duos two octarios pints cum with semisse half (a pint,) ferventis of boiling Aquæ Water ;*

*Liqua dissolve Salem the Salt in Aquâ in the Water ; tum then adjice add paulātīm gradually Subcarbonātis of the Subcarbonate Sodæ of Soda quod that which sit may be satis sufficient ad to saturandum saturate Acīdum the Acid. Decōque*

*boil down donec until pellicūla a pellicle appāreat appears, et and, ubi when colavēris you shall have strained, sepōne set aside, ut that crystalli crystals fiant may be formed. Exsicca dry has these super upon bībūlam bibulous chartam paper, aquâ effūsâ the water being poured off.*

The Salt left after the distillation of muriatic Acid is a *Supersulphate of Soda*; and in the above process, the excess of Acid is neutralized by the Soda of the Subcarbonate. (See "Acid. muriatic." and "Pot-assæ Sulph.")

Crystals. Six sided prisms, terminated by two sided pyramids, channelled on their sides.

## TERRÆ, ET EĀRUM SĀLES. EARTHS, AND THEIR SALTS.

### ALŪMEN EXSICCĀTUM.

#### DRIED ALUM.

*Alūmen liquescat let the Alum dissolve in in fictili an earthen vāse vessel ad ignem over the fire; tum then ignis augeātur let the fire be increased donec until ebullitio the ebullition cessavērit shall have ceased.*

The Alum is deprived of its water of crystallization by the heat.

### CALCIS MŪRIAS.

#### MURIATE OF LIME.

*Recipe take duas two libras pounds Salis of the Salt qui which restat remains post after distil-*



latiōnem *the distillation* Subcarbonātis *of the Subcarbonate* Ammoniæ *of Ammonia* ; octarium *a pint* Aquæ *of Water* ;

Misce *mix* et *and* cola *strain* per *through* chartam *paper* ; liquor *liquor* vāporet *let the liquor evaporate* donec *until* Sal *the Salt* exsiccētur *be dried*. Serva *keep* hunc *this* in vāse *in a vessel* accuratē *accurately* obturatō *stopped*.

### CALX.

#### LIME.

Recīpe *take* libram *a pound* calcārei *of calcareous* Lapīdis *stone* [Limestone] ;

Contunde *bruise* in frustūla *in pieces* et *and* ure *burn* per *for* horam *an hour* in crucibūlo *in a crucible* acerrīmo *with a very hot* igne *fire*, vel *or* donec *until* Acīdum carbonicum *the carbonic Acid* fuērit *shall be* pēnitus *thoroughly* expulsum *expelled*, adēō *so* ut *that* Acīdum aceticum *acetic Acid* adjectum *being added* excitet *would excite* nullas *no* bullūlas *bubbles*. Eōdem *in the same* modo *manner* Calx Lime fit *is made* è *from* Testis *Shells*, postquam *after* fuērint *they have been* lotæ *washed* aquâ fervente *with boiling water*, et *and* purgātæ *cleansed* sordibus *from impurities*.

The heat employed drives off the carbonic Acid.

### CRETA PRÆPARĀTA.

#### PREPARED CHALK.

Recīpe *take* libram *a pound* Cretæ *of Chalk* ;

Adjice *add* paulūlum *a little* Aquæ *Water* Cretæ *to the Chalk*, et *and* tere *rub* ut *that* fiat *it may*



*become subtilis a subtile pulvis powder. Conjice cast hunc this in into amplum a large vas vessel plenum filled Aquâ with Water ; tum then agita shake (it), et and, brevî a short morâ delay interpositâ having interposed, trans mitte transmit (or pour) supernatantem the supernatant aquam water adhuc as yet turbidam turbid in into aliud another vas vessel, et and sepone set aside, ut that pulvis the powder subsīdat may subside. Denique lastly, exsicca dry pulvĕrem the powder, aquâ the water effūsâ being poured off.*

### LIQUOR ALŪMĪNIS COMPOSITUS.

#### COMPOUND LIQUOR OF ALUM.

*Recipe take Alūmĭnis of Alum ; Sulphātis of the Sulphate Zinci of Zinc, singulōrum of each dimīdiā half unciam an ounce ; ferventis of boiling Aquæ Water duos two octarĭos pints ;*

*Liqua dissolve Alūmen the Alum et and Sulphātem the Sulphate Zinci of Zinc simul together in Aquâ in the Water ; dein then cōla strain per through chartam paper.*

Alum and Sulphate of Zinc in solution.

### LIQUOR CALCIS.

#### LIQUOR OF LIME.

*Recipe take sēlibram half a pound Calcis of Lime ; duōdēcim twelve octarĭos pints ferventis of boiling distillātæ distilled Aquæ Water ;*

*Affunde pour Aquam the Water Calci to the Lime et and agita shake simul together ; tum then*

protinus *immediately* contēge *cover* vas *the vessel*,  
 et *and* sepōne *set aside* per *for* tres *three* horas  
*hours* ; dein *then* serva *keep* liquōrem *the liquor*  
 cum *with* superstite *the remaining* Calce *Lime* in  
 vitrēis in *glass vāsis vessels* obturātis *stopped*, et  
 and ubi *when* est *it is* utendum *to be used*, sūme  
 take ex *from* limpīdo *the clear* liquōre *liquor*.

If Lime Water be exposed to the air, it absorbs carbonic Acid, and a pellicle forms on the top, which is *Carbonate of Lime*. The water is directed above to stand upon the Lime, that it may be saturated as fast as this *Carbonate* forms.

### LIQUOR CALCIS MURIĀTIS.

#### LIQUOR OF MURIATE OF LIME.

Recīpe take duas *two* uncias *ounces* Muriātis *of the Muriate* Calcis *of Lime* ; tres *three* fluid-  
 uncias *fluid ounces* distillātæ *of distilled* Aquæ  
 Water.

Liqua *dissolve* Muriātem *the Muriate* Calcis *of Lime* in Aquâ *in the Water*, tum *then* cōla *strain*  
 per *through* chartam *paper*.

### MAGNESĪA.

#### MAGNESIA.

Recīpe take quātūor *four* uncias *ounces* Car-  
 bonātis *of the Carbonate* Magnesīæ *of Mag-*  
 nesia ;

Ure *burn* per *for* duas *two* horas *hours* acer-  
 rimo *with a very fierce* igne *fire*, vel *or* donec *until*

Acidum aceticum *acetic Acid* instillātum *dropped* in excitet *excites* nullas *no* bullūlas *bubbles*.

The carbonic Acid of the Carbonate is driven off by heat, leaving *pure Magnesia*; the quantity employed being thereby deprived of nearly half its weight.

## MAGNESIÆ CARBŌNAS.

### CARBONATE OF MAGNESIA.

Recipe take libram *a pound* Sulphātis *of the Sulphate* Magnesiæ *of Magnesia*; novem *nine* uncias *ounces* Subcarbonātis *of the Subcarbonate* Potassæ *of Potass*; tres *three* congios *gallons* Aquæ *of Water*.

Liqua *dissolve* Subcarbonātem *the Subcarbonate* Potassæ *of Potass* in tribus *in three* octariis *pints* Aquæ *of Water*, Sulphātem *the Sulphate* Magnesiæ *of Magnesia* in quinque *in five* octariis *pints* Aquæ *of Water* separātim *separately*, et *and* cola *strain*: dein *then* adjice *add* rēliquam *the remaining* Aquam *Water* liquōri *to the solution* Sulphātis *of the Sulphate* Magnesiæ *of Magnesia* et *and* coque *boil*, que *and* admisce *mix* ei *to it*, dum *whilst* ebullit *it is boiling* priōrem *the former* liquōrem *liquor*, movens *stirring* assidue *constantly* spathā *with a spatula*; tum *then* cola *strain* per *through* lintēum *cloth*: denique *lastly*, ablue *wash* pulvĕrem *the powder* sæpius *often*, Aquâ *Water* affusâ *being poured thereon* fervente *boiling*, et *and* exsicca *dry* calōre *at a heat* ducentesimi *of the two hundredth* gradûs

*degree super upon bibŭlam bibulous chartam paper.*

The two Acids, viz. the sulphuric Acid of the Sulphate, and the carbonic Acid of the Subcarbonate, change places with each other; the sulphuric Acid combining with the Potass, and the carbonic Acid with the Magnesia, the latter forming an insoluble *Carbonate of Magnesia*: and thus a double decomposition takes place.

## METALLA, ET EÖRUM SALES.

### *METALS, AND THEIR SALTS.*

#### PRÆPARĀTA EX ANTIMÖNIO.

#### *PREPARATIONS FROM ANTIMONY.*

##### ANTIMONĪI OXŸDUM.

##### *OXIDE OF ANTIMONY.*

*Recipe take uncĭam an ounce tartarizāti of tartarized Antimonĭi Antimony; duas two drachmas drams Subcarbonātis of the Subcarbonate Ammonĭæ of Ammonia; quantum as much as sit may be satis sufficient distillātæ of distilled Aquæ Water;*

*Liqua dissolve Sales the Salts separātim separately in Aquâ in the Water; dein then misce*

*mix liquōres the liquors, et and coque boil donec until Oxȳdum the Oxide Antimonii of Antimony demittātur is thrown down. Ablūe wash hoc this Aquā with Water affūsā poured thereon, et and exsicca dry.*

The Tartrate of Antimony is here decomposed by the Ammonia, which unites with its tartaric Acid and precipitates its Oxide. The Oxide of Antimony, thus precipitated, leaves its tartaric Acid and Potass in combination with the Ammonia, forming a *triple Salt*, which is held in solution, and washed away.

### ANTIMONII SULPHURĒTUM PRÆCIPITĀTUM.

#### PRECIPITATED SULPHURET OF ANTIMONY.

*Recipe take duas two libras pounds contriti of powdered Sulphurēti Sulphuret Antimonii of Antimony ; quātūor four octarios pints liquōris of the liquor Potassæ of Potass ; tres three octarios pints distillātæ of distilled Aquæ Water ;*

*Misce mix, et and coque boil lento with a slow igne fire per for tres three horas hours, movens stirring assidue constantly, distillātā distilled Aquā Water adjectā being added subinde now and then, adēd so ut that implēat it may fill semper always eandem the same mensūram measure. Cola strain liquōrem the liquor protinus instantly per through lintēum cloth duplicātum folded, que and instilla drop ei to it adhuc whilst yet calenti hot paulātim by little and little quantum as much as sit may be satis sufficient dilūti of diluted sulphurici sulphuric Acidī Acid ad to dejiçiendum preci-*

*pitate pulvërem the powder ; tum then ablue wash Sulphâtem the Sulphate Potassæ of Potass calidâ with warm Aquâ Water ; exsicca dry precipitatum the precipitated Sulphurëtum Sulphuret Antimonii of Antimony, et and tere rub in into subtilë a subtle pulvërem powder.*

Mr. Brande, in the 2d edition, vol. 2. p. 179. of his invaluable work on Chemistry, explains the above process in the following words : — “ *The Sulphuret of Antimony and Potassa acts upon the water, a portion of which is decomposed ; hydrogen is transferred to the alkaline sulphuret, to form hydrosulphuret of potassa ; hydrogen and oxygen unite to the sulphuret of antimony, producing a hydrosulphuretted oxide of that metal (kermes), which remains dissolved in the hot alkaline hydrosulphuret, and of which one portion is precipitated as that solution cools. When dilute sulphuric acid is added, the hydrosulphuret of potassa is decomposed, sulphate of potassa is formed, and sulphur and sulphuretted hydrogen are liberated ; the sulphur falls in combination with the kermes, producing the golden sulphur, or sulphuretted hydrosulphuret.*”

## ANTIMONIUM TARTARIZATUM.

### TARTARIZED ANTIMONY.

*Recipe take duas two uncias ounces Sulphurëti of the Sulphuret Antimonii of Antimony contriti powdered ; unciam an ounce Nitrâtis of the Nitrate Potassæ of Potass ; duas two uncias ounces Supertartrâtis of the Supertartrate Potassæ of Potass ; duas two uncias ounces (pondere by weight) sulphurici of sulphuric Acidi Acid ; octarium a pint cum with semisse half (a pint) distillatæ of distilled Aquæ Water ;*

Misce mix Acidum the Acid cum with dimidïo half octario a pint Aquæ of the Water in in idōnēo a convenient vitrēo glass vāse vessel, et and calēfac heat balnēo in a bath arēnæ of sand. Cum when incaluērint they shall have become heated mōdicē moderately, adjice add paulātim by little and little Sulphurētum the Sulphuret et and Nitrātem the Nitrate mista mixed inter among se themselves, (i. e. together) ; tum then coque boil donec until omnis all humor moisture sit may be consumtus evaporated. Lava wash rēliquum the residue distillātā with distilled Aquā Water, donec until sit it be expers devoid sapōris of taste, et and misce mix (it) adhuc whilst humīdum wet cum with Supertartrāte the Supertartrate Potassæ of Potass, et and conjice throw (it) in octariū into a pint distillātæ of distilled Aquæ Water ; denīque lastly, dēcōque boil down liquōrem the liquor, et and ubi when colavēris you shall have strained, sepōne set aside, ut that crystalli crystals fiant may be formed.

The above process is exceedingly difficult of explanation ; and I believe there is no settled theory respecting it. Mr. Brande says, “ Our knowledge of the composition and properties of the oxides of antimony, and of most of their combinations, is still extremely imperfect, and the whole subject requires further investigation before the anomalies that now present themselves can be cleared up.” — And Mr. Anthony Todd Thomson makes this remark : — “ The following is the probable theory of the changes which take place during the process we have described :” [he mentions a process as more eligible to insure success than the one above laid down by the College :] “ The Nitrate of  
of



*of potass is decomposed by the sulphuric Acid, as is demonstrated by the extrication of nitrous gas; and part of its oxygen is expended upon the oxide of the Sulphuret. This is converted into protoxide of Antimony; while, perhaps, also at the same time, the Sulphur is partly converted into an Acid. Sub-sulphate of Antimony is then formed by the action of part of the Acid on the protoxide, which has a greyish appearance when washed, and is in a state fit to be acted upon by the tartaric Acid of the supertartrate of Potass, which form the ternary Salt."*

### LIQUOR ANTIMONII TARTARIZATI.

#### LIQUOR OF TARTARIZED ANTIMONY.

*Recipe take scrupulum a scruple tartarizati of tartarized Antimonii Antimony; quattuor four fluiduncias fluid ounces ferventis of boiling distillatæ distilled Aquæ Water; sex six fluiduncias fluid ounces Vini\* of Wine;*

*Liqua dissolve tartarizatum the tartarized Antimonium Antimony in fervente in boiling distillatâ distilled Aquâ Water; tum then adjice add Vinum the Wine.*

### PULVIS ANTIMONIALIS.

#### ANTIMONIAL POWDER.

*Recipe take libram a pound contriti of powdered Sulphureti Sulphuret Antimonii of Antimony;*

\* Sherry should be used; but from the difficulty of obtaining it sound and good, Dr. Paris says, the College has determined to substitute a weak spirit instead of wine.



duas *two* libras *pounds* Cornūum *of Horns* \* ra-  
sōrum *shaved* ;

Misce *mix*, et *and* conjice *throw* (them) together  
in into lātam *a broad* ferrēam *iron* ollam *pot* can-  
dentem † *glowing* igne *in the fire*, movens *stirring*  
(them) assiduè *constantly*, donec *until* fuērint *they*  
shall have become cīnerei *of an ash* colōris *colour*.  
Exempta *being taken out*, tere *rub* in into pulvĕrem  
*a powder*, et *and* inde *thence* [put them] loricāto  
*in a coated* crucibŭlo *crucible*, quocum *over which*  
aliud *another* crucibŭlum *crucible* (is) inversum  
*inverted*, cui *to which* sit *let there be* parvum *a*  
little forāmen *hole* in fundo *in the bottom* ; est *it*  
is conjungendum *to be joined* luto *by a lute*. Tum  
*then* subministra *apply* ignem *the fire*, et *and*  
auge *increase* (it) paulātīm *gradually*, ut *that*  
candĕat *it may whiten* per for duas *two* horas  
*hours*. Tere *rub* rĕsidŭum *the residue*, ut *that*  
subtilissĭmus *a very subtle* pulvis *powder* fiat *may*  
*be formed*.

“ When the native Sulphuret of Antimony is exposed  
under a muffle to a dull red heat, it gradually loses  
sulphur and absorbs oxygen, being converted into a  
grey powder, which consists of a mixture of protoxide  
of antimony and sulphuret. The effect of heat upon  
the hartshorn shavings is to destroy the animal matter,  
leaving little else than phosphate of lime, so that the  
Pulvis antimonialis consists essentially of protoxide of  
antimony mixed with phosphate of lime.” — Brande’s  
Chemistry, p. 178 and 180. vol. 2. 2d edition.

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\* Hartshorn.

† Heated to whiteness.

PRÆPARĀTUM EX ARGENTO.  
PREPARATION FROM SILVER.

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ARGENTI NITRAS.  
NITRATE OF SILVER.

Recipe take unciām an ounce Argenti of Silver ;  
fluidunciām a fluid ounce nitrīci of nitric Acīdi  
Acid ; duas two fluiduncias fluid ounces distillātæ  
of distilled Aquæ Water ;

Misce mix nitrīcum the nitric Acīdum Acid  
Aquâ in the Water, et and liqua dissolve Argentum  
the Silver in his in these in balnĕo in a bath arĕnæ  
of sand. Dein then auge increase calōrem the  
heat paulātim gradually, ut that Nītras the Nitrate  
Argenti of Silver siccĕtur may be dried. Lique-  
fac dissolve hanc this in crucībŭlo in a crucible,  
lento by a slow igne fire, donec until, Aquâ the  
Water expulsâ being driven away, ebullitio ebulli-  
tion cessavĕrit shall have ceased ; tum then effun-  
de pour off statim immediately in idōnĕas into  
convenient formas shapes.

The Silver is oxidized, and the Acid in consequence partly decomposed ; but a portion of the Acid remain-  
ing, it dissolves the oxide. The Silver, thus held in  
solution, is in the state of an Oxynitrate, which is  
evaporated as above.

## PRÆPARĀTA EX ARSENĪCO.

## PREPARATIONS FROM ARSENIC.

## ARSENĪCI OXŸDUM SUBLĪMATUM.

*SUBLIMED OXIDE OF ARSENIC.*

Tere rub OxŸdum the Oxide Arsenīci of Arsenic in pulvĕrem into a powder ; tum then conjice throw (it) in crucibŭlum into a crucible, et and admōto having applied igne the fire, sublīma sublime in into aliud another crucibŭlum crucible superimpositum placed upon priōri the former.

## LIQUOR ARSENICALIS.

*ARSENICAL SOLUTION.*

Recīpe take sublimāti of sublimed OxŸdi Oxide Arsenīci of Arsenic, trīti rubbed in into subtilissimum a very fine pulvĕrem powder ; Subcarbonātis of the Subcarbonate Potassæ of Potass ex from Tartāro Tartar, singulōrum of each sexaginta sixty quātŭor four grana grains ; octariŭm a pint distillātæ of distilled Aquæ Water ;

Coque boil simul together in vitrĕo in a glass vase vessel donec until omne all Arsenīcum the Arsenic liquētur is dissolved. Adjice add frige-  
facto to the cooled liquōri liquor quātŭor four  
fluidrachmas fluid drams compositi of compound

Spiritûs *Spirit* Lavandŭlæ of *Lavender* ; denŭque *lastly*, adjĭce *add* insŭper *thereto* quantum *as much* as sit *may be* satis *sufficient* distillātæ of *distilled* Aquæ *water*, ut *that* implĕat *it may fill* mensŭram *the measure* octariŭi of *a pint* accurātè *accurately*.

The Oxide here employed is said to possess the properties of an Acid, and has been termed *arsenious Acid*, which, uniting with the Potass, forms *Arsenate of Potass*. The Spirit of Lavender is merely a colouring matter, to prevent its being mistaken for water, or any other colourless fluid.

## PRÆPARĀTA E CŪPRO.

### PREPARATIONS FROM COPPER.

#### CŪPRUM AMMONIATUM.

##### AMMONIATED COPPER.

Recĭpe *take* dimidiām *half* uncĭam *an ounce* Sulphātis of the *Sulphate* Cŭpri of *Copper* ; sex *six* drachmas *drams* Subcarbonātis of the *Subcarbonate* Ammonŭiæ of *Ammonia* ;

Tere *rub* simul *together* in vitrĕo in a *glass* mortārio *mortar*, donec *until* ebullitĭo *ebullition* cessavĕrit *shall have ceased* ; deinde *then*, leni *with a* calōre *heat*, exsicca *dry* ammoniātum *the ammoniated* Cuprum *Copper*, involŭtum *folded* bĭbŭlâ in *bibulous* chartâ *paper*.

The Sulphate of Copper is decomposed by part of its Acid being taken up by the Ammonia, during trituration; the carbonic Acid of the latter being disengaged, effervescence takes place whilst it is given off. There being an excess of Ammonia, a *triple Sulphate* of Ammonia and Copper is the result.

### LIQUOR CŪPRI AMMONIATI.

#### AMMONIATED LIQUOR OF COPPER.

Recīpe take drachmam a dram ammoniāti of ammoniated Cupri Copper; octariūm a pint distillatæ of distilled Aquæ Water;

Liqua dissolve ammoniātum the ammoniated Cuprum Copper in Aquâ in the Water, et and cola strain per through chartam paper.

### PRÆPARĀTA E FERRO.

#### PREPARATIONS FROM IRON.

#### FERRUM AMMONIATUM.

##### AMMONIATED IRON.

Recīpe take Subcarbonātis of the Subcarbonate Ferri of Iron; Muriātis of the Muriate Ammonīæ of Ammonia, singulōrum of each libram a pound;

Misce mix diligenter diligently; tum then, igne acri a fierce fire subjēcto being applied, protinūs instantly sublīma sublime; denīque lastly, tere rub in pulvĕrem into a powder.

Through the medium of heat, the Ammonia is decomposed by the Oxide of Iron, which unites with part of its muriatic Acid: *Muriate of Ammonia* with *Permuriate of Iron*, in variable proportions, seems to be the result.

## FERRI SUBCARBŌNAS.

### SUBCARBONATE OF IRON.

Recipe take octo eight uncias ounces Sulphātis of the Sulphate Ferri of Iron; sex six uncias ounces Subcarbonātis of the Subcarbonate Sodæ of Soda; congiūm a gallon ferventis of boiling Aquæ Water;

Liqua dissolve Sulphātem the Sulphate Ferri of Iron et and Subcarbonātem the Subcarbonate Sodæ of Soda sepārātīm separately in quātūor in four octariis pints Aquæ of Water; tum then misce mix liquōres the liquors inter among se themselves (i. e. together) et and sepōne set aside, ut that pulvis the powder subsīdat may subside; deinde then supernātante the supernatant liquōre liquor effūso being poured off, ablūe wash Subcarbonātem the Subcarbonate Ferri of Iron calidâ in warm Aquâ Water, et and exsīcca dry (it) involūtā folded bībŭlâ in bibulous chartâ paper leni with a gentle calōre heat.

When the two solutions are poured together, the sulphuric Acid of the Sulphate of Iron unites with the Soda, and at the same time the Iron attracts the carbonic Acid of the Subcarbonate of Soda; thus a double decomposition takes place. The insoluble *Subcarbonate of Iron* is dried as above, whilst the solution of *Sulphate of Soda* is filtered and washed away.

## FERRI SULPHAS.

## SULPHATE OF IRON.

Recipe take Ferri of Iron, sulphurici of sulphuric Acid, singulōrum of each (pondere by weight) octo eight uncias ounces ; Aquæ of Water quātūor four octarios pints ;

Misce mix sulphuricum the sulphuric Acidum Acid cum with Aquâ the Water in vitrēo in a glass vāse vessel, que and his to these adjice add Ferrum the Iron ; tum then ubi when bullulæ bubbles cessaverint shall have ceased exire to go forth, cola strain liquōrem the liquor per through chartam paper, que and consūme evaporate eum it ad over ignem the fire, adēo so ut that, dum whilst frigescit it cools, crystalli crystals fiant may be formed. Exsicca dry has these super upon bibulam bibulous chartam paper, Aquâ the Water effusâ being poured off.

The Iron being oxidized at the expence of the water, the latter is partly decomposed ; for whilst the iron combines with its oxygen, hydrogen gas is given off. The oxide uniting with the Acid forms a *Sulphate of oxide of Iron* in solution, which is directed to be crystallized.

Crystals. Transparent rhomboidal prisms of a light green colour.

## FERRUM TARTARIZĀTUM.

## TARTARIZED IRON.

Recipe take Ferri of Iron libram a pound ; contrītæ of powdered Supertartrātis Supertartrate Potassæ of Potass duas two libras pounds ; Aquæ of Water octarium a pint ;

*Tere rub simul together, et and expōne expose aëri to the air per for octo eight dies days in pătūlo in an open vitrĕo glass vāse vessel ; dein then sicca dry balnĕo in a bath ārĕnæ of sand, et and tere rub in subtilissimum into a very fine pulvĕrem powder ; octario a pint Aquæ of Water adjecto being added, itĕrum again sepōne set aside hunc this pulvĕrem powder per for octo eight dies days ; tum then sicca dry et and tere rub in pulvĕrem into a powder.*

First an *oxide* is formed by the Iron's attracting oxygen from the water and air, which oxide unites with the excess of Acid contained in the Supertartrate of Potass. We have therefore *Tartrate of Potass and Iron*, forming a *triple Salt*.

Iron may be attracted from this Salt in a metallic state by a magnet ; it is therefore an imperfect Salt.

### LIQUOR FERRI ALKALINI.

#### LIQUOR OF ALKALINE IRON.

*Recĭpe take duas two drachmas drams Ferri of Iron cum with semisse half (a dram) ; duas two fluĭduncĭas fluid ounces nitrici of nitric Acĭdi Acid ; sex six fluĭduncĭas fluid ounces distillātæ of distilled Aquæ Water ; sex six fluĭduncĭas fluid-ounces Liquōris of the Liquor Subcarbonātis of the Subcarbonate Potassæ of Potass ;*

*Superinfunde pour upon Ferro the Iron, Acĭdum the Acid et and Aquam the Water mista mixed inter se together : tum then, ubi when bullŭlæ bubbles cessavĕrint shall have ceased exĭre to go forth, effunde pour off liquōrem the liquor adhuc whilst yet acĭdum acid. Adjice add hunc this paulātim*



*by little and little et and ex intervallis at intervals*  
*Liquōri to the Liquor Subcarbonātis of the Subcar-*  
*bonate Potassæ of Potass, sūbindé occasionally*  
*agītans shaking (it), donec until jam just when,*  
*fusco-rubīcundo a brownish red colōre colour*  
*facto being produced, nullæ no bullūlæ bubbles*  
*ampliūs excitentur are any more excited. Denīque*  
*lastly, sepōne set aside per for sex six hōras hours,*  
*et and effunde pour off liquōrem the liquor.*

The above name is deemed unchemical, as *alkaline Iron* is a thing unknown. The theory of the process seems to be this: the Acid is diluted that it may act more powerfully on the Iron, which becomes oxidized, whilst red fumes of nitrous gas and nitrous oxide escape, and a *pernitrate of Iron* is formed in solution. On adding the alkaline liquor, carbonic Acid is expelled, and what is called the *solution of alkaline Iron* is the consequence.

This preparation should never be given diluted with water, as in that case the oxide of Iron would be precipitated. Dr. Paris, in his *Pharmacologia*, says "*it cannot be exhibited in any form, without undergoing decomposition.*"

## TINCTŪRA FERRI AMMONIATI.

### TINCTURE OF AMMONIATED IRON.

Recīpe take quātūor four uncīas ounces ammoniāti  
 Ferri of ammoniated Iron; octariūm a pint  
 Spiritūs tenuiōris of proof Spirit;

Macēra macerate, et and cola strain.

## TINCTŪRA FERRI MURIĀTIS.

## TINCTURE OF MURIATE OF IRON.

Recīpe take dimidiām half libram a pound Subcarbonātis of the Subcarbonate Ferri of Iron ; octariūm a pint Acīdi muriatīci of muriatic Acid ; tres three octarios pints rectificāti of rectified Spiritūs Spirit ;

Superinfunde pour Acīdum the Acid Subcarbonāti to the Subcarbonate Ferri of Iron in vitrēo in a glass vase vessel, et and agīta shake it subindè from time to time per for tridūm three days. Sepōne set aside ut that fæces the dregs, (si if sint there be quæ any,) subsīdant may subside ; deinde then effunde pour off liquōrem the liquor, que and adjice add ei to it Spiritum the Spirit.

A *muriate of Iron* is formed by the Iron attracting the Acid, and the carbonic Acid is given off: this *muriate* is soluble in alcohol, also in water.

## VINUM FERRI.

## WINE OF IRON.

Recīpe take duas two uncīas ounces ramentōrum of the filings Ferri of Iron ; duos two octarios pints Vīni of Wine ;

Misce mix, et and sepōne set aside per for mensem a month, subindè occasionally agītans shaking ; tum then cola strain per through chartam paper.

## PRÆPARĀTA EX HYDRARGÿRO.

## PREPARATIONS FROM QUICKSILVER.

## HYDRARGÿRI NITRĪCO-OXÿDUM.

## NITRIC-OXIDE OF MERCURY.

Recipe take tres three libras pounds, pondere by weight, purificāti of purified Hydrargÿri Mercury; libram a pound cum with semisse half (a pound), pondere by weight, nitrīci of nitric Acīdi Acid, duos two octarios pints distillatæ of distilled Aquæ Water;

Misce mix in vase vitrēo in a glass vessel, et and coque boil, donec until Hydrargÿrum the Mercury liquētur is dissolved, et and, Aquâ the Water consumptâ being evaporated, alba a white materia substance restet remains. Tere rub hanc this in pulvĕrem into a powder, et and conjice throw (it) in aliud into another vas vessel quàm minimè less profundum deep; tum then adhibe apply thereto lēnem a gentle ignem fire que and auge increase (it) paulātim gradually, donec until ruber a red vapor vapour cessavĕrit shall have ceased prodire to go forth.

The Mercury decomposes the nitric Acid; nitrous Acid and nitric oxide gasses being evolved. The Mercury, being thus oxidized, unites with that portion of the Acid which remains after this decomposition takes place, and forms a *Nitrate of Mercury*; this Nitrate, when the heat is increased, becomes decomposed, the acid and water being expelled; and the  
oxide

oxide finally remains of a red colour. As a small portion of Acid is left with this oxide, it may be called a *Subnitrate*. Mr. Brande calls it a “ *Peroxide of Mercury, with a small portion of adhering nitrate.*”

### HYDRARGYRI OXŸDUM CINERĒUM.

#### GREY OXIDE OF MERCURY.

Recipe take unciā *an ounce* Submuriātis of the *Submuriate* Hydrargyri of *Mercury*; congiūm a gallon Liquōris of the *Water* Calcis of *Lime*;

Coque boil Hydrargyri Submuriātem the *Submuriate of Mercury* in Liquōre in the *Water* Calcis of *Lime*, movens stirring assidūè constantly, donec until cinerĒum the grey OxŸdum Oxide Hydrargyri of *Mercury* subsīdat subsides. Lava wash hoc this distillātâ in distilled Aquâ *Water*; deinde then exsicca dry (it).

The *Lime* unites with the *Acid* of the *submuriate*, forms a *Muriate of Lime*, and precipitates the *oxide* in the form of a grey coloured powder; from which the *Muriate of Lime* that remains in solution is washed away.

### HYDRĀRGYRI OXŸDUM RUBRUM.

#### RED OXIDE OF MERCURY.

Recipe take libram a pound, pondĕre by weight, purificāti of purified Hydrargyri *Mercury*;

Immitte put Hydrargyrum the *Mercury* in vitrĕum into a glass vas vessel, cui to which sit there should be angustum a narrow os mouth, et and latior a broad fundus base; adhibe apply huic to this aperto open vasi vessel calōrem a heat sex-

*centesimi of the six hundredth gradûs degree, donec until Hydrargyrum the Mercury abiërit shall form in rubras into red squāmas scales ; dein then tere rub in subtilissimum into a very fine pulvërem powder.*

The Mercury is volatilized by heat, and absorbs oxygen from the air, which changes it to a red oxide.

## HYDRARGYRI OXYMURIAS.

### OXYMURIATE OF MERCURY.

*Recipe take duas two libras pounds, pondëre by weight, purificāti of purified Hydrargyri Mercury ; trīginta thirty uncias ounces, pondëre by weight, Acīdi sulphurīci of sulphuric Acid ; quatuor four libras pounds exsiccātæ of dried Muriātis Muriate Sodæ of Soda ;*

*Coque boil Hydrargyrum the Mercury cum with sulphurico the sulphuric Acīdo Acid in vitrëo in a glass vāse vessel, donec until Sulphas Hydrārgyri the Sulphate of Mercury exsiccāta fuërit shall be dried ; contëre triturate hanc this, ubi when refrixërit it shall have cooled, cum with Muriāte the Muriate Sodæ of Soda in fictili in an earthen mortārio mortar ; tum then sublīma sublime ex from vitrëa a glass cūcurbītā cucurbit, calōre with a heat sensim gradually aucto increased.*

*“ Perchchloride of Mercury, or corrosive sublimate, may be obtained by a variety of processes. When Mercury is heated in chlorine, it burns with a pale flame ; the gas is absorbed, and a white volatile substance rises, which is the Perchloride. It may also be obtained by dissolving peroxide of Mercury in muri-*

atic Acid, evaporating to dryness, re-dissolving in water, and crystallizing.

“ The ordinary process for making corrosive sublimate, consists in exposing a mixture of chloride of Sodium (common Salt) and persulphate of Mercury, to heat in a flask, or other proper subliming vessel ; a mutual decomposition ensues. The chlorine of the common Salt unites to the Mercury of the sulphate, and forms bi-chloride of Mercury. The oxygen of the oxide of Mercury converts the Sodium of the Salt into Soda, which, with the sulphuric Acid, produces sulphate of Soda. This decomposition is exhibited by the following diagram :

“ 1 Proportional of Perchloride of Mercury = 257.

2 proportionals of common Salt = 111 consists of	Chlorine 67      Mercury 190		1 proportional of Persulphate of Mercury = 280 consists of
	Sulphuric Acid 75		
	Sodium 44      Oxygen 15		

2 Proportionals of Sulphate of Soda = 134.”

Brande's Chemistry, vol. 2. page 248.

The same author then adds, “ The quantity of common Salt employed in the process” (ordered above in the Pharmacopœia) “ is obviously too large ; in practice, however, we find that more than the real quantity decomposed, and shown in the above table, is required.

“ The following is the process employed at Apothecaries' Hall, for the formation of corrosive sublimate : 50 lbs. of Mercury are boiled to dryness with 70 lbs. of sulphuric Acid ; 75 lbs. of persulphate of Mercury are thus formed, which being perfectly mixed with 120 lbs. of common Salt and sublimed, yield from 65 to 65 lbs. of corrosive sublimate.

“ By

“ By the quantity of chlorine absorbed by a given weight of Mercury, we learn that the perchloride of Mercury consists of 1 proportional of Mercury = 190 + 2 proportionals of chlorine = 67, consequently, its representative number is 257.”

## HYDRARGYRI SUBMURIAS.

### SUBMURIATE OF MERCURY.

Recipe take libram a pound Oxymuriātis of the Oxymuriate Hydrargyri of Mercury; novem nine uncias ounces, pondere by weight, purificāti of purified Hydrargyri Mercury;

Tere rub simul together, donec until globuli globules conspiciantur are seen non amplius no longer; tum then sublima sublime; deinde then exime take out Sublimātum the Sublimate, et and tere powder et and sublima sublime id it bis twice que and iterum again [i.e. thrice]. Denique lastly, fiat pulvis subtilissimus let a very fine powder be made eodem in the same modo manner quo in which præcepimus we have ordered Cretam Chalk præparari to be prepared.

The Perchloride is reduced to the state of *Protochloride*, by the addition of Mercury, and the process of sublimation. Its name as a *submuriate* is highly erroneous, it being a *muriate* at a minimum of oxidization. The terms *oxy* and *sub* are hardly sufficient to distinguish these two last preparations from each other, the former being one of the most powerful mineral poisons.



## HYDRARGÿRI SULPHURĒTUM NIGRUM.

## BLACK SULPHURET OF MERCURY.

Recīpe take libram a pound, pondēre by weight, purificāti of purified Hydrargÿri Mercury; libram a pound sublimāti of sublimed Sulphūris Sulphur ;

Tere rub simul together donec until glōbūli globules conspiciantur are seen non no amplius longer.

There is no settled theory respecting the nature of this process.

## HYDRARGÿRI SULPHURĒTUM RUBRUM.

## RED SULPHURET OF MERCURY.

Recīpe take purificāti of purified Hydrargÿri Mercury, pondēre by weight, quadraginta forty uncias ounces ; sublimāti of sublimed Sulphūris Sulphur octo eight uncias ounces ;

Admisce admix Hydrargÿrum the Mercury Sulphūri to the Sulphur liquefacto dissolved ad ignem upon the fire, et and quamprīmum as soon as massa the mass intumescat swells, remove remove vas the vessel ab from igne the fire, et and tege cover (it) fortiter strongly, ne lest inflammatio inflammation fiat should take place ; deinde then tere rub in pulvĕrem into a powder, et and sublima sublime.

This process seems to effect a more immediate  
union



union of Mercury and Sulphur; but wherein the difference of this and the last preparation consists, it is more easy to guess than to explain.

## HYDRARGYRUM CUM CRĒTA.

### *MERCURY WITH CHALK.*

Recipe take tres three uncias ounces, pondere by weight, purificati of purified Hydrargyri Mercury; quinque five uncias ounces preparatæ of prepared Crētæ Chalk;

Tere rub simul together, donec until glöbuli globules conspiciantur are seen non amplius no longer.

During trituration the metal becomes oxidized, and a black oxide of Mercury is the result.

## HYDRARGYRUM PRECIPITĀTUM ALBUM.

### *WHITE PRECIPITATED MERCURY.*

Recipe take dimidiā half libram a pound Oxymuriātis of the Oxymuriate Hydrargyri of Mercury; quātūor four uncias ounces Muriātis of the Muriate Ammonīæ of Ammonia; dimidium half octarium a pint Liquōris of the Liquor Subcarbonātis of the Subcarbonate Potassæ of Potass; quātūor four octarios pints distillatæ of distilled Aquæ Water;

Prīmò first liqua dissolve Muriātem the Muriate Ammonīæ of Ammonia, dein then Oxymuriātem the Oxymuriate Hydrargyri of Mercury, in distillatâ in the distilled Aquâ Water, et and adjice add

his to these *Liquorem the Liquor Subcarbonātis of the Subcarbonate Potassæ of Potass.* Lava wash demissum the precipitated pulvĕrem powder, donec until fuĕrit it shall be expers devoid sapōris of taste ; tum then exsicca dry (it).

The Muriate of Ammonia has the property of rendering the oxymuriate more soluble in water, and it here forms with it a *triple Salt* in solution of *Muriate of Mercury* and *Ammonia* : a considerable portion of the Acid of the Muriate of Ammonia is abstracted by adding the Subcarbonate of Potass, and the Salt just enumerated is thrown down in the form of a white precipitate, whence the name *Hyd. præcipitat. alb.* which is improper, considered in a chemical point of view.

## HYDRARGYRUM PURIFICĀTUM.

### PURIFIED MERCURY.

Reciĕpe take Hydrargyri of Mercury, pondĕre by weight, sex six libras pounds ; libram a pound ramentōrum of the filings Ferri of Iron ;

Tere rub simul together ; tum then, igne the fire subjecto being applied, distillet Hydrargyrum let the Mercury distil ex from ferrĕâ an iron retōrtâ retort.

Iron filings are here ordered, from the supposition, that Iron has a greater affinity for any foreign metals used in alloy than Mercury has ; but Mr. Brande merely orders the Mercury to be re-distilled in an iron retort.

## LIQUOR HYDRARGÿRI OXYMURIATIS.

## LIQUOR OF THE OXYMURIATE OF MERCURY.

Recipe take grāna octo eight grains Oxymuriātis of the Oxymuriate Hydrargÿri of Mercury; quindecim fifteen fluiduncias fluid-ounces distillatæ of distilled Aquæ Water; fluidunciam a fluid ounce Spiritûs rectificāti of rectified Spirit;

Liqua dissolve Oxymuriātem the Oxymuriate Hydrargÿri of Mercury in Aquâ in the Water, que and adijce add thereto Spiritum the Spirit.

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## PRÆPARĀTA E PLUMBO.

## PREPARATIONS FROM LEAD.

## LIQUOR PLUMBI SUBACETĀTIS.

## LIQUOR OF SUBACETATE OF LEAD.

Recipe take duas two libras pounds semivitrēi of the semivitreous Oxÿdi Oxide Plumbi of Lead; congium a gallon acetici of acetic Acīdi Acid;

Misce mix, et and decōque boil down ad to sex six octarios pints, movens stirring assidue constantly; dein then sepōne set aside, ut that fæces the dregs subsīdant may subside, et and cōla strain.

An *Acetate of Lead* is formed by the acetic Acid of the vinegar uniting with part of the oxide, which is held in solution. Dr. Paris says, “ *It is a saturated solution of Subacetate of Lead, consisting, according to Berzelius, of one proportional of Acid, and three proportionals of oxide of Lead ; hence its name is correct. It is the only instance with which we are acquainted of a real sub-salt being soluble in water.*” Others dispute the correctness of the term *sub*.

## LIQUOR PLUMBI SUBACETĀTIS DILŪTUS.

### *DILUTED LIQUOR OF THE SUBACETATE OF LEAD.*

Recipe take fluīdrachmam a fluid-dram Liguōris of the Liquor Subacetātis of the Subacetate Plumbi of Lead ; octariūm a pint distillātæ of distilled Aquæ Water ; fluīdrachmam a fluid-dram Spiritūs tenuiōris of proof Spirit ;

Misce mix.

## PLUMBI SUPERACETAS.

### *SUPERACETATE OF LEAD.*

Recipe take lībram a pound Carbonātis of the Carbonate Plumbi of Lead ; congium a gallon cum with semisse half (a gallon) acetici of acetic Acīdi Acid ;

Coque boil Carbonātem the Carbonate Plumbi of Lead cum with Acīdo the Acid, donec until hoc this [the Acid] saturētur be saturated ; deinde then cōla strain per through chartam paper, et and, Aquâ the Water consumptâ being evaporated

donec *until pellicūla a pellicle subnascātur floats, sepōne set (it) aside ut that crystalli crystals fiant may be formed. Effūsâ having poured off Aquâ the Water, exsicca dry super upon bibŭlam bibulous chartam paper [blotting paper.]*

The acetic Acid of the vinegar decomposes the carbonate by uniting with its oxide; the Salt is then evaporated, and crystallizes, forming an *acetate*, not a *superacetate*. If this be dissolved in water containing ever so little carbonic Acid, a white insoluble precipitate is thrown down.

Crystals. Short and spicular, in masses, resembling lumps of sugar.

## PRÆPARĀTA E ZINCO.

### PREPARATIONS FROM ZINC.

#### CALAMINA PRÆPARĀTA.

##### PREPARED CALAMINE.

Ure *burn Calamīnam the Calamine; tam then contēre triturate (it). Deinde afterwards fiat let there be made subtilissīmus a very subtle pulvis powder eōdem in the same modo manner quo in which præcepīmus we directed Cretam Chalk præparāri to be prepared.*

By this process the Calamine [Carbonate of Zinc] is cleansed from its impurities. See *Creta præparata*.

## ZINCI OXŸDUM.

## OXIDE OF ZINC.

Injice *throw* frustūla *pieces* Zinci *of Zinc* paulatim *gradually* candenti *into a hot*, capāci *capacious*, alto *deep*, et *and* inclināto *inclined* crucibūlo *crucible*, alio *another* crucibūlo *crucible* superimposito *being placed over it*, ita *so ut* that Zincum *the Zinc* patēat *may be exposed* aëri *to the air*, et *and* possit *may be movēri* moved sæpè *frequently* ferrēâ *with an iron* spathâ *spatula*; exīme *take out* OxŸdum *the Oxide* statim *immediately* quod *which* nascātur *arises* subinde *now and then*; tum *then* transmittē *pass* albam *the white* et *and* leviōrem *lighter* partem *part* ejus *of it* per *through* cribrum *a sieve*. Denique *lastly* superinfunde *pour* aquam *water* huic *to this*, ut *that* subtilissimus *a very fine* pulvis *powder* fiat *may be made* eōdem *in the same* modo *manner* quo *in which* præcepimus *we directed* Crētā *Chalk* præparāri *to be prepared*.

Though it is not directed here, yet it is necessary that the crucible should be heated above 700° of Fahrenheit, which is the degree at which Zinc inflames. During ignition it absorbs oxygen from the atmosphere, and is converted into a white oxide.

## ZINCI SULPHAS.

## SULPHATE OF ZINC.

Recipe *take* Zinci *of Zinc* fracti *broken* in frustūla *into pieces* tres *three* uncias *ounces*; quin-

que *five uncias ounces, pondere by weight, sulphurici of sulphuric Acidi Acid ; quattuor four-octarios pints Aquæ of Water ;*

Misce *mix in vitreo in a glass vase vessel, et and, effervescentiâ effervescence finitâ being finished, cōla strain liquorem the liquor per through chartam paper ; tum then dēcoque boil down, donec until pellicula a pellicle subnascatur rises, et and sepone set aside ut that crystalli crystals fiant may be formed.*

The metal becoming dissolved by the diluted Acid is at the same time oxidized at the expence of the water ; hydrogen gas is evolved, and a Sulphate of Zinc remains in solution from the union of the oxide with the Acid ; it is then crystallized.

Crystals. Small four sided prisms terminated by four sided pyramids. It in some measure resembles fine Epsom Salts.

## SULPHURĒA.

### PREPARATIONS FROM SULPHUR.

#### OLĒUM SULPHURĀTUM.

##### SULPHURATED OIL.

Reciĕpe *take duas two uncias ounces loti of washed Sulphuris Sulphur ; octarium a pint Olĕi of the Oil Olivæ of Olive ;*

Injiĕce *throw Sulphur the Sulphur paulatim gradually Olĕo to the Oil calĕfacto heated in*

*pěramplo in a very large ferrĕo iron vāse vessel, et and move stir assidũe constantly spathâ with a spatula, donec until cõĩerint they shall have united.*

### POTASSÆ SULPHURĚTUM.

#### SULPHURET OF POTASS.

*Recipe take uncĩam an ounce lōti of washed Sulphũris Sulphur; duas two uncĩas ounces Subcarbonātis of the Subcarbonate Potassæ of Potass;*

*Tere rub simul together, et and impōne place (them) super upon ignem the fire in clauso in a covered crucibũlo crucible, donec until cõĩerint they shall have united.*

By the union of Potass and Sulphur the latter is rendered soluble in water, which is the design intended by the preparation.

The expulsion of the carbonic acid and the aqueous part of the alkali seem the result of this combination.

### SULPHUR LŌTUM.

#### WASHED SULPHUR.

*Recipe take libram a pound sublimāti of sublimed Sulphũris Sulphur;*

*Superinfunde pour upon (it) ferventem boiling Aquam Water, ut that Acidum the Acid, (si if sit there be quod any), ablũātur may be washed away penĩtus thoroughly; dein then sicca dry.*



## SULPHUR PRÆCIPITATUM.

## PRECIPITATED SULPHUR.

Recipe take libram a pound sublimāti of sublimed Sulphūris Sulphur; duas two libras pounds recentis of fresh Calcis Lime; quātūor four congios gallons Aquæ of Water;

Coque boil Sulphur the Sulphur et and Calcem the Lime simul together in Aquâ in the Water; tum then cōla strain liquōrem the liquor per through chartam paper, que and instilla drop ei to it quantum as much as sit may be satis sufficient Acīdi muriatīci of muriatic Acid, ut that Sulphur the Sulphur demittātur may be thrown down. Denīque lastly, aquâ water superinfūsâ being poured thereon sæpius frequently, lava wash hoc this donec until fiat it becomes insipīdum insipid.

The water is decomposed in the first instance, and a hydrogureted sulphuret of lime produced by the combination of the lime and sulphur, the hydrogen of the water uniting with a portion of the latter, and forming a hydrosulphuret: the oxygen combining with another portion, forms sulphuric acid, which unites with the lime: so that a *sulphate of lime* and *sulphuret of lime* combined with *sulphureted hydrogen*, form the solution. Next, sulphureted hydrogen gas is disengaged, the hydrogureted sulphuret being decomposed by the muriatic acid; which, uniting with the lime, forms a soluble muriate, when at the same time the sulphur becomes precipitated.

## VEGETABILĬA.

## VEGETABLES.

VEGĚTABILĬA *Vegetables* sunt *are* decerpenda *to be gathered* ex *from* locis *the situations* et *and* solo *soil* ubi *where* nascuntur *they grow* sponte *spontaneously*, siccâ *in a dry* tempestâte *season*, nec *neither* madĕfacta *made wet* imbrĭbus *with showers*, nec *nor* rōre *with dew*; sunt *they are* colligenda *to be collected* quōtannis *yearly*; et *and* quæ *those* which fuĕrint *shall have been* servâta *kept* diutiùs *longer*, rejĭcienda *(are) to be thrown away*.

RADĬCES *roots*, pleræque *for the most part*, sunt *are* effodiendæ *to be dug* antĕquam *before* caules *the stems* aut *or* folĭa *leaves* exsĕrant *have shot forth*.

CORTĬCES *barks* dĕbent *ought* collĭgi *to be collected* eâ *in that* tempestâte *season* quâ *in which* possint *they are able* sepārâri *to be separated* facillimè *most easily* a ligno *from the wood*.

FOLĬA *leaves* sunt *are* decerpenda *to be gathered* postquam *after* flōres *the flowers* fuĕrint *shall have* expansi *expanded*; et *and* antĕquam *before* semĭna *the seeds* maturescant *are ripened*.

FLŌRES *flowers* sunt *are* lĕgendi *to be gathered* nuper *when lately* explicâti *unfolded*.

SEMĬNA *seeds* sunt *are* colligenda *to be collected* jam *when just* matūra *ripe*, et *and* antĕquam

*before incepĕrint they shall have begun decidĕre to fall è from plantâ the plant. Hæc these dĕbent ought servâri to be kept in propriis in (their) proper pericarpĭis seed vessels.*

## VEGETABILĪUM PRÆPARATIŌ.

### PREPARATION OF VEGETABLES.

*Vegetabilia Vegetables, brevi shortly postquam after decerpta fuĕrint they shall have been gathered [and] levĭter lightly strâta spread out, (illis those exceptis being excepted quæ which oportet ought esse to be [used] recentĭa fresh), exsicca dry quàm citissimè as soon as possible, calōre with a heat tam so lēni gentle ut that color the colour non mutĕtur may not be changed; dein then conserva preserve them in locis in places vel or aptis proper vâsis vessels, interclūso excluded accessu from the access lumĭnis of light et and humōris moisture.*

*Reconde bury (those) RADĪCES Roots, quas which præcepĭmus we have ordered servâri to be kept recentes fresh, in siccâ in dry arĕnâ sand. Seca cut RADĪCEM the Root SCILLÆ of Squill ante before exsiccationem drying (it) transversim transversely in tenües into thin lamĭnas slices, arĭdis the dried tunĭcis coats direptis being taken away.*

*Sepōne set aside PULPŌSOS pulpy FRUCTUS Fruits, si if sint they be immatūri unripe, vel or matūri ripe et and sicci dry, in humĭdo in a moist loco place, ut that mollescant they may soften; dein then exprĭme press out pulpas the pulp per through setāceum a hair cribrum sieve; postea afterwards coque boil lento with a slow igne fire,*

*crēbrò frequently movens stirring. Denique lastly, consūme evaporate aquam the water aquōso in a water balnēo bath, donec until pulpæ the pulp fiant becomes idōnēæ of a proper crassitūdinis thickness.*

*Superinfunde pour ferventem boiling aquam water contūsis to the bruised LOMENTIS Pods CASSIÆ of Cassia, ut that pulpa the pulp eluātur may be washed out, quam which primū first exprīme express per through crībrum a sieve grandioribus with large foraminibus holes, (and) postēa afterwards per through setacēum a hair (sieve) ; deinde then consūme evaporate aquam the water aquōso with a water balnēo bath donec until pulpa the pulp habēat acquires idōnēam a proper crassitūdinem thickness.*

*Exprīme press out pulpam the pulp vel or succum juice maturōrum of ripe et and recentium recent fructuum fruits per through crībrum a sieve, nullā no coctiōne boiling adhibītā being applied.*

## GUMMI-RESINÆ.

### GUM-RESINS.

*Sepāra separate OPIUM Opium quā diligētissimē as carefully as possible a from aliēnis extraneous rebus things, præsertim especially externis from (those) external. Servētur Opium let Opium be kept MOLLE Soft, quod which sīt may be aptum fit ad to fingendas form pilūlas pills ;*

et and DURUM Hard, quod which fuërit shall have been ita so exsiccātum dried aquōso in a water balnēo bath ut that possit it may be able teri to be rubbed in into pulvërem a powder.

Gummi-Resinæ (those) Gum Resins sunt are habendæ to be accounted pro optimis best, quæ which fuërint shall have been electæ chosen adēo so sincēræ unmixed ut that sit there may be opus occasion nullâ purificationē for no purification. Quod but si if vidēantur they appear esse to be minus less pūræ pure, coque boil [them] in aquâ in water donec until mollescant they become soft, et and prēlo with a press exprime press per through cannabīnum canvass pannum cloth; dein then se-pōne set aside, ut that resinōsa the resinous pars part subsidat may subside. Consūme evaporate supernātantem the supernatant liquōrem liquor, effusam poured off, aquōso in a water balnēo bath, resinōsâ the resinous parte part adjunctâ being added sub towards finem the end, et and coactâ mixed in unum into one cum with gummōsâ the gummy parte part.

GUMMI-RESINÆ (those) Resinous Gums facilē easily liquescentes liquified possunt may be purificāri purified injiciendo by throwing (them) in bŭbŭlam into ox's vesicam bladder, que and tenendo holding (them) in fervente in boiling aquâ water, donec until fiant they become adēo so molles soft, ut that possint they may be separāri separated à from sordibus impurities prēlo by a press per through cannabīnum canvass pannum cloth.

Liqua dissolve BALSĀMUM the Balsam STYRĀCIS of Styrax in rectificāto in rectified Spirĭtu Spirit, et and cōla strain; tum then lēni with a gentle

*calōre heat distillet Spiritus let the Spirit distil, donec until idōněa a proper crassitūdo consistence fiat may be formed balsāmo in the balsam.*

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OLĚA EXPRESSA.  
EXPRESSED OILS.

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OLĚUM AMYGDALĀRUM.  
OIL OF ALMONDS.

*Macēra macerate vel either dulces sweet vel or amāras bitter Amygdālas Almonds per for duodēcim twelve horas hours in aquā frigidā in cold water, et and contunde bruise [them] ; deinde then, (nullo no calōre heat adhibīto being applied), exprīme express OlĚum the Oil.*

OLĚUM LINI.  
LINSEED OIL.

*Contunde bruise Semīna the Seeds usitatissīmi of common Līni Flax ; deinde then, (nullo no calōre heat adhibīto being applied), exprīme express OlĚum the Oil.*

OLĚUM RICĪNI.  
CASTOR OIL.

*Contunde bruise Semīna the Seeds Ricīni of the Ricinus, pellicūlis the husks demtis being taken away ; deinde then, (nullo no calōre heat adhibīto being applied), exprīme express OlĚum the Oil.*

## OLĚA DISTILLĀTA.

## DISTILLED OILS.

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Olĕum Anīsi	<i>Oil of Aniseed.</i>
— Anthemīdis	— <i>Chamomile.</i>
— Carūi	— <i>Carraway.</i>
— Junipĕri	— <i>Juniper.</i>
— Lavandŭlæ	— <i>Lavender.</i>
— Menthæ Piperītæ	— <i>Peppermint.</i>
— Menthæ Virīdis*	— <i>Spearmint.</i>
— Origāni	— <i>Thyme.</i>
— Pimentæ	— <i>Pimenta.</i>
— Pulegii	— <i>Pennyroyal.</i>
— Rosmārīni	— <i>Rosemary.</i>

Semīna the Seeds Anīsi of *Anise* et and Carūi *Carraway*, Flōres the Flowers Anthemīdis of *Chamomile* et and Lavandŭlæ *Lavender*, Baccæ the Berries Junipĕri of *Juniper* et and Pimentæ *Pimenta*, Cacumīna (and) the Tops Rosmārīni of *Rosemary*, adhibenda sunt are to be employed; et and exsiccātæ the dried herbæ herbs reliquōrum of the rest.

Immitte put quodvis any horum of these in into alembicum an *alembic*, et and adjice add Aquæ of *Water* quantum as much as contĕgat may cover id it (i. e. the whole), tum then distillet Olĕum let the Oil distil in into amplum a large frigidārium cold vas vessel.

Aqua the water, quæ which prodit comes out (inter whilst distillandum distilling) cum with Olĕis the Oils Carūi of *Carraway*, Menthæ piperītæ *Pep-*

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\* *Mentha viridis* signifies literally green *Mint*.



*permint, et and viridis Spearmint, Pimentæ Pimenta, et and Pulegii Pennyroyal, servētur should be preserved in for usum use.*

### OLĚUM SUCCINI.

#### OIL OF AMBER.

*Immitte put Succinum the Amber in alembicum into an alembic, ut that acidus the acid Liquor Liquor, OlĚum the Oil et and Sal the Salt inquinātus impregnated olĚo with the oil, distillent may distil balnĕo in a bath ārĕnāe of sand, calōre by a heat paulātim gradually aucto increased. Dein then OlĚum distillet let the Oil distil itĕrum again, et and tertio a third time.*

### OLĚUM TEREBINTHINÆ RECTIFICĀTUM.

#### RECTIFIED OIL OF TURPENTINE.

*Recipe take octarium a pint OlĚi of the Oil Terebinthinæ of Turpentine; quātūor four octarios pints Aquæ of Water;*

*Distillet OlĚum let the Oil distil.*

### AQUÆ DISTILLĀTÆ.

#### DISTILLED WATERS.

*AQUÆ Waters distillent should be distilled ex from exsic cātis dried herbis herbs nisi unless sit it be aliter otherwise præscriptum ordered, quoniam be-*



*cause non possunt they cannot comparāri be obtained omni at every tempore season anni of the year. Ubi when recentes fresh [herbs] adhibentur are employed, [the quantity] est is utendum to be used duplo in a double pondere proportion.*

*Singulis to each congiis gallon Aquarum of the Waters adjice add quinque five fluiduncias fluidounces tenuioris of proof Spiritus Spirit, ut that conserventur they may be kept integræ pure.*

## AQUA DISTILLATA.

## DISTILLED WATER.

*Recipe take decem ten congios gallons Aquæ of Water ;*

*Primum first distillent let there distil quattuor four octarii pints, quibus which abjectis being thrown away, distillent let there distil quattuor four congiis gallons. Serva keep distillatam the distilled Aquam Water in vitrea in a glass lagenâ bottle.*

## AQUA ANETHI.

## WATER OF DILL.

*Recipe take libram a pound contusorum of bruised Seminum Seeds Anethi of Dill ;*

*Affunde pour his to these tantum so much Aquæ of Water, ut that, post after distillationem distillation, supersit there may remain quod that which est is satis sufficient ad to prohibendum prevent empyreuma empyreuma. Distillet congius let a gallon distil.*

## AQUA CARŪI.

## WATER OF CARRAWAY.

Recipe take libram a pound contusōrum of bruised  
Semīnum Seeds Carūi of Carraway ;

Affunde pour his to these tantum so much Aquæ  
Water, ut that, post after distillatiōnem distillation,  
sūpersit there may remain quod that which est is  
satis sufficient ad to prohibendum prevent empy-  
reūma empyreuma. Distillet congius let a gallon  
distil.

## AQUA CINNAMŌMI.

## WATER OF CINNAMON.

Recipe take libram a pound contūsi of bruised  
Corticis Bark Cinnamōmi of Cinnamon ; octa-  
rīum a pint Aquæ of Water ;

Macēra macerate Corticem the Bark in Aquâ  
in the Water per for vīginti twenty et and quātūor  
four horas hours ; tum then adjice add tantum so  
much Aquæ Water, ut that, post after distillatiō-  
nem distillation, sūpersit there may remain quod  
that which est is satis sufficient ad to prohibendum  
prevent empyreūma empyreuma. Distillet congius  
let a gallon distil.

## AQUA FÆNICŪLI.

## WATER OF FENNEL.

Recipe take libram a pound Semīnum of Seeds  
Fænicūli of Fennel contusōrum bruised ;

*Affunde pour his to these tantum so much Aquæ Water, ut that, post after distillationem distillation, supersit there may remain quod that which est is satis sufficient ad to prohibendum prevent empyreuma empyreuma. Distillet congius let a gallon distil.*

## AQUA MENTHÆ PIPERITÆ.

## WATER OF PEPPERMINT.

*Recipe take libram a pound Menthæ piperitæ of Peppermint cum with semisse half (a pound) ;*

*Huic to this affunde pour tantum so much Aquæ Water, ut that, post after distillationem distillation, supersit there may remain quod that which est is satis sufficient ad to prohibendum prevent empyreuma empyreuma. Distillet congius let a gallon distil.*

## AQUA MENTHÆ VIRIDIS.

## WATER OF SPEARMINT.

*Recipe take Menthæ viridis of Spearmint libram a pound cum with semisse half (a pound) ;*

*Huic to this affunde pour tantum so much Aquæ Water, ut that, post after distillationem distillation, supersit there may remain quod that which est is satis sufficient ad to prohibendum prevent empyreuma empyreuma. Distillet congius let a gallon distil.*

## AQUA PIMENTÆ.

## WATER OF PIMENTA.

Recipe take dimidiā *half* libram *a pound* contusārum *of bruised* Baccārum *Berries* Pimentæ *of Pimenta*; octariūm *a pint* Aquæ *of Water*;

Macēra *macerate* Baccas *the Berries* in Aquā *in the Water* per for viginti *twenty* quātūor *four* horas *hours*; tum *then* adjice *add* tantum *so much* Aquæ *Water*, ut *that*, post *after* distillatiōnem *distillation*, sūpersit *there may remain* quod *that* which est *is* satis *sufficient* ad *to* prohibendum *prevent* empyreūma *empyreuma*. Distillet *congius* let *a gallon* distil.

## AQUA PULEGII.

## WATER OF PENNYROYAL.

Recipe take libram *a pound* cum *with* semiss<sup>ss</sup> *half* (*a pound*) Pulegii *of Pennyroyal*;

Huic *to this* affunde *pour* tantum *so much* Aquæ *Water*, ut *that*, post *after* distillatiōnem *distillation*, sūpersit *there may remain* quod *that* which est *is* satis *sufficient* ad *to* prohibendum *prevent* empyreūma *empyreuma*. Distillet *congius* let *a gallon* distil.

## AQUA RŌSÆ.

## WATER OF ROSE.

Recipe take Petalōrum *of the* Petals centifoliæ \* *of the Damask Rose* octo *eight* libras *pounds*;

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\* Centifolia, *hundred or many leaved*.

His *to these* affunde *pour* tantum *so much* Aquæ *Water*, ut *that*, post *after* distillatiōnem *distillation*, sūpersit *there may remain* quod *that* which est *is* satis *sufficient* ad *to* prohibendum *prevent* empyreūma *empyreuma*. Distillet *let* congius *a gallon* distil.

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## INFŪSA.

## INFUSIONS.

## INFŪSUM ANTHEMĪDIS.

## INFUSION OF CHAMOMILE.

Recipe *take* duas *two* drachmas *drams* Flōrum *of* the Flowers Anthemidis *of* Chamomile; dimidium *half* octarium *a pint* ferventis *of* boiling Aquæ *Water*;

Macera *macerate* per *for* sextam *the sixth* partem *part* hōræ *of* an hour, in vāse *in* a vessel levitèr *lightly* clauso *covered*, et *and* cōla *strain*.

## INFŪSUM ARMORACIÆ COMPOSITUM.

## COMPOUND INFUSION OF HORSE-RADISH.

Recipe *take* recentis *of* fresh Radicis *Root* Armoraciæ *of* Horse-radish concisæ *sliced*; Seminum *of* Seeds Sināpis *of* Mustard contusōrum *bruised*, singulōrum *of* each unciam *an ounce*; ferventis *of* boiling Aquæ *Water* octarium *a pint*;

*Macëra macerate per for duas two horas hours, in vāse in a vessel clauso covered levītèr lightly; et and cola strain; tum then adjice add compositi of the compound Spiritūs Spirit Armoraciæ of Horse-radish fluidunciam a fluid ounce.*

### INFŪSUM AURANTII COMPOSITUM.

#### COMPOUND INFUSION OF ORANGE (PEEL).

*Recipe take exsiccāti of dried Corticis Rind Aurantii of Orange duas two drachmas drams; recentis of fresh Corticis Rind Limōnum of Lemons drachmam a dram; Caryophyllōrum of Cloves contusōrum bruised dimidiām half drachmam a dram; ferventis of boiling Aquæ Water dimidiūm half octariūm a pint;*

*Macëra macerate per for quartam the fourth partem part horæ of an hour in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

### INFŪSUM CALUMBÆ.

#### INFUSION OF CALUMBA.

*Recipe take Radicis of Root Calumbæ of Calumba concisæ sliced drachmam a dram; ferventis of boiling Aquæ Water dimidiūm half octariūm a pint;*

*Macëra macerate per for duas two horas hours, in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

## INFUSUM CARYOPHYLLŌRUM.

## INFUSION OF CLOVES.

Recīpe take drachmam a dram contusōrum of bruised Caryophyllōrum Cloves ; dimidiūm half octariūm a pint ferventis of boiling Aquæ Water ;

Macēra macerate per for duas two horas hours, in vāse in a vessel levītèr lightly clauso covered, et and cola strain.

## INFŪSUM CASCĀRILLÆ.

## INFUSION OF CASCARILLA.

Recīpe take Corticis of the Bark Cascārillæ of Cascarilla contūsi bruised dimidiām half unciam an ounce ; Aquæ ferventis of boiling Water dimidiūm half octariūm a pint ;

Macēra macerate per for duas two horas hours, in vāse in a vessel levītèr lightly clauso covered, et and cola strain.

## INFŪSUM CATĒCHU COMPOSITUM.

## COMPOUND INFUSION OF CATECHU.

Recīpe take duas two drachmas drams cum with semisse half (a dram) Extracti of the Extract Catēchu of Catechu ; dimidiām half drachmam a dram Corticis of the Bark Cinnamōmi of Cinnamon contūsi bruised ; Aquæ ferventis of boiling Water dimidiūm half octariūm a pint ;

*Macëra macerate per for horam an hour in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

### INFŪSUM CINCHŌNÆ.

#### INFUSION OF CINCHONA.

*Recīpe take dimidiām half uncīam an ounce Corticis of Bark lancifoliæ of lance-leaved Cinchonæ Cinchona contūsi bruised; dimidiūm half octariūm a pint ferventis of boiling Aquæ Water;*

*Macëra macerate per for duas two horas hours in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

### INFŪSUM CUSPARIÆ.

#### INFUSION OF CUSPARIA.

*Recīpe take duas two drachmas drams Corticis of the Bark Cuspariæ of Cusparia contūsi bruised; Aquæ ferventis of boiling Water dimidiūm half octariūm a pint;*

*Macëra macerate per for duas two horas hours, in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

### INFŪSUM DIGITĀLIS.

#### INFUSION OF DIGITALIS.

*Recīpe take drachmam a dram exsiccatorum of the dried Foliōrum Leaves Digitālis of Digitalis; dimidiūm half octariūm a pint Aquæ ferventis of boiling Water;*



*Macëra macerate per for quātūor four horas hours in vāse in a vessel levītèr lightly clauso covered, et and cola strain; tum then adjice add dimīdīam half fluiduncīam a fluidounce Spiritūs of the Spirit Cinnamōmi of Cinnamon.*

# INFŪSUM GENTIANÆ COMPOSITUM.

## COMPOUND INFUSION OF GENTIAN.

*Recīpe take Radīcis of the Root Gentianæ of Gentian concīsæ sliced, exsiccāti of the dried Cortīcis Rind Aurantīi of Orange, singulōrum of each drachmam a dram; recentis of the fresh Cortīcis Rind Limōnum of Lemons duas two drachmas drams; Aquæ ferventis of boiling Water duōdēcim twelve fluiduncīas fluid ounces;*

*Macëra macerate per for horam an hour in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

# INFŪSUM LINI.

## INFUSION OF LINSEED.

*Recīpe take uncīam an ounce Semīnum of the Seeds usitatissīmi of common Līni Flax contūsōrum bruised; dimīdīam half uncīam an ounce Radīcis of the Root Glycyrrhīzæ of Liquorice concīsæ sliced; duos two octariōs pints Aquæ ferventis of boiling Water;*

*Macëra macerate per for horas quātūor four hours, prope near ignem the fire, in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

## INFŪSUM QUASSIÆ.

## INFUSION OF QUASSIA.

Recīpe take scrūpulum a scruple Ligni of the Wood Quassiæ of Quassia concīsi cut; dimīdium half octarium a pint Aquæ ferventis of boiling Water ;

Macëra macerate per for duas two horas hours, in vāse in a vessel levītèr lightly clauso covered, et and cola strain.

## INFŪSUM RHĒI.

## INFUSION OF RHUBARB.

Recīpe take drachmam a dram Radīcis of the Root Rhēi of Rhubarb concīsæ sliced ; dimīdium half octarium a pint Aquæ ferventis of boiling Water ;

Macëra macerate per for duas two horas hours in vāse in a vessel levītèr lightly clauso covered, et and cola strain.

## INFŪSUM ROSÆ.

## INFUSION OF THE ROSE.

Recīpe take dimīdīam half uncīam an ounce Petalōrum of the Petals Gallicæ of the French Rosæ Rose [red Rose] exsiccatorum dried ; duos two octarios pints cum with semisse half (a pint) Aquæ ferventis of boiling Water ; tres three fluidrachmas fluid drams dilūti of diluted sulphurici

*sulphuric Acid* ; *unciā* *an ounce* *cum* *with semisse half (an ounce)* *purificāti* *of purified Sacchāri Sugar* ;

*Superinfunde* *pour Aquam the Water* *Petālis* *on the Petals Rosæ of the Rose* *in vitrēo* *in a glass vāse* *vessel* ; *dein* *then immisce* *mix in Acīdum the Acid*, *et* *and macēra* *macerate per* *for dimidiā* *half horam* *an hour*. *Denīque* *lastly*, *cola* *strain liquōrem* *the liquor*, *que* *and adjice* *add ei* *to it Sacchārum the Sugar*.

### INFŪSUM SENNÆ.

#### INFUSION OF SENNA.

*Recipe* *take unciā* *an ounce* *cum* *with semisse half (an ounce)* *Foliōrum* *of the Leaves Sennæ* *of Senna*; *drachmam* *a dram Radīcis* *of the Root Zingibēris* *of Ginger concīsæ* *sliced* ; *octariū* *a pint Aquæ* *ferventis* *of boiling Water* ;

*Macēra* *macerate per* *for horam* *an hour* *in vāse* *in a vessel levītēr* *lightly clauso* *covered*, *et* *and cola* *strain liquōrem* *the liquor*.

### INFŪSUM SIMAROŪBÆ.

#### INFUSION OF SIMAROUBA.

*Recipe* *take dimidiā* *half drachmam* *a dram con-* *tūsi* *of bruised Corticis* *Bark Simaroūbæ* *of Simarouba*; *dimidiū* *half octariū* *a pint Aquæ* *ferventis* *of boiling Water* ;

*Macëra macerate per for duas two horas hours in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

### INFŪSUM TABĀCI.

#### INFUSION OF TOBACCO.

*Recīpe take drachmam a dram Foliōrum of the Leaves Tabāci of Tobacco, octariūm a pint Aquæ ferventis of boiling Water ;*

*Macëra macerate per for horam an hour in vāse in a vessel levītèr lightly clauso covered, et and cola strain.*

## MUCILAGINES.

### MUCILAGES.

#### MUCILĀGO ACACIÆ.

#### MUCILAGE OF ACACIA.

*Recīpe take quātūor four uncias ounces Gummi of the Gum Acaciæ of Acacia contrīti bruised ; dimīdiū half octariūm a pint Aquæ ferventis of boiling Water ;*

*Tere rub Gummi the Gum cum with Aquâ the Water instillātâ dropped in paulātīm gradually,*

donec *until* abĕat *it changes* in mucilagĭnem *into a mucilage.*

### MUCILAGO AMŸLI.

#### MUCILAGE OF STARCH.

Recĭpe *take* tres *three* drachmas *drams* AmŸli *of Starch* ; octariŸm *a pint* Aquę *of Water* ;

Tere *rub* AmŸlum *the Starch* cum *with* Aquâ *the Water* instillâtâ *dropped in paulâtim gradually* ; dein *then* coque *boil* donec *until* abĕat *it changes* in mucilagĭnem *into a mucilage.*

### DECOCTA.

#### DECOCTIONS.

### DECOCTUM ALÖËS COMPOSITUM.

#### COMPOUND DECOCTION OF ALOËS.

Recĭpe *take* Extracti *of the Extract* Glycyrrhizę *of Liquorice* semunciã *half an ounce* ; Subcarbonãtis *of the Subcarbonate* Potassę *of Potass* duos *two* scrŸpŸlos *scruples* ; Extracti *of the Extract* spicãtę *of spiked* Alöës *Aloes* contrĭti *bruised* ; Myrrhę *of Myrrh* contrĭtę *bruised* ; Stigmãtum *of the Stigmata* Croci *of Saffron*, singŸlörŸm *of each* drachmam *a dram* ; Aquę *of Water* octariŸm *a pint.*

Decöque *boil down* ad *to* duödĕcim *twelve* fluidunciãs *fluid ounces*, et *and* cola *strain* ; tum *then*

*adjice add composītæ of the compound Tinctūræ Tincture Cardamōmi of Cardamom quātūor four fluidunciās fluid ounces.*

### DECOCTUM CINCHŌNÆ.

#### DECOCTION OF CINCHONA.

*Recipe take unciām an ounce Corticis of the Bark lancifoliæ of lance-leaved Cinchōnæ Cinchona contūsi bruised ; octarīum a pint Aquæ of Water ;*

*Coque boil per for sextam the sixth partem part horæ of an hour in vāse in a vessel levītèr lightly clauso covered, et and cola strain liquōrem the liquor adhuc whilst calentem hot.*

### DECOCTUM CYDONIÆ.

#### DECOCTION OF QUINCE (SEEDS).

*Recipe take duas two drachmas drams Semīnum of the Seeds Cydoniæ of the Quince ; octarīum a pint Aquæ of Water ;*

*Coque boil lento with a slow igne fire per for sextam the sixth partem part horæ of an hour ; dein then cola strain.*

### DECOCTUM DULCAMĀRÆ.

#### DECOCTION OF BITTER SWEET.\*

*Recipe take unciām an ounce Caulis of the Stalk Dulcamāræ of Woody Night Shade, octarīum a*

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\* Woody Night Shade.

*pint cum with semisse half (a pint) Aquæ of Water ;*

*Decoque boil down ad to octarium a pint et and cola strain.*

### DECOCTUM HORDĒI.

#### DECOCTION OF BARLEY.

*Recipe take duas two uncias ounces Seminum of the Seeds Hordĕi of Barley ; quattuor four octarios pints cum with semisse half (a pint) Aquæ of Water ;*

*Primum first ablue wash away alienas the extraneous res substances adhærentes adhering Seminibus to the Seeds Hordĕi of the Barley frigidâ (in) cold Aquâ Water ; deindè then, dimidio half octario a pint aquæ of water affuso being poured thereon, coque boil Semina the Seeds paulisper a little while. Hâc this aquâ water abjectâ being thrown away, superinfunde pour thereto quod that which est is reliquum left, (prius first fervefactum made hot) ; tum then decoque boil down ad to duos two octarios pints, et and cola strain.*

### DECOCTUM HORDĒI COMPOSITUM.

#### COMPOUND DECOCTION OF BARLEY.

*Recipe take duos two octarios pints Decocti of the Decoction Hordĕi of Barley ; duas two uncias ounces Fructus of the Fruit Caricæ of Figs concisi sliced ; dimidiam half unciam an ounce Radicis of the Root Glycyrrhizæ of Liquorice concisæ sliced et and contusæ bruised ; duas two uncias ounces passarum of dried Uvarum Grapes [Raisins], acinis the stones demptis being taken away ; octarium a pint Aquæ of Water ;*

*Decoque boil down ad to duos two octarios pints, et and cola strain*

### DECOCTUM LICHĒNIS.

#### DECOCTION OF ICELAND MOSS.

*Recipe take unciām an ounce Lichēnis of Iceland Moss ; octariūm a pint Aquæ of Water cum with semisse half (a pint) ;*

*Decoque boil down ad to octariūm a pint, et and cola strain.*

### DECOCTUM MALVÆ COMPOSITUM.

#### COMPOUND DECOCTION OF THE MALLOW.

*Recipe take unciām an ounce exsiccātæ of dried Malvæ Mallows ; dimidiām half unciām an ounce exsiccatorum of the dried Flōrum Flowers Anthemidis of Chamomile ; octariūm a pint Aquæ of Water ;*

*Coque boil per for quartam the fourth partem part horæ of an hour, et and cola strain.*

### DECOCTUM PAPAVERIS.

#### DECOCTION OF POPPIES.

*Recipe take quātūor four unciās ounces Capsulārum of the Capsules Papaveris of the Poppy concisārum sliced ; quātūor four octarios pints Aquæ of Water ;*

*Coque boil per for quartam the fourth partem part horæ of an hour, et and cola strain.*



## DECOCTUM QUERCÛS.

## DECOCTION OF OAK (BARK.)

Recipe take unciām *an ounce* Corticis *of the Bark* Quercûs *of Oak* ; duos *two* octarios *pints* Aquæ *of Water* ;

Decoque *boil ad to* octarium *a pint*, et *and* cola *strain*.

## DECOCTUM SARSAPÄRILLÆ.

## DECOCTION OF SARSAPARILLA.

Recipe take quätuor *four* uncias *ounces* Radicis *of the Root* Sarsäpäřillæ *of Sarsaparilla* concisæ *cut* ; quätuor *four* octarios *pints* Aquæ *ferventis* *of boiling Water* ;

Macëra *macerate per for* quätuor *four* horas *hours*, in vāse *in a vessel* clauso *covered* lëviter *lightly* prope *near* ignem *the fire* ; dein *then* exīme *take out* radīcem *the root* Sarsäpäřillæ *of Sarsaparilla* et *and* contunde *bruise (it)* ; redde *return (it)* contūsam *(when)* bruised liquōri *to the liquor*, et *and* macëra *macerate* itërum *again* sīmili *in the* modo *manner* per *for* duas *two* horas *hours*, dein *then* decoque *boil down ad to* duos *two* octarios *pints*, et *and* cola *strain*.

## DECOCTUM SARSAPÄRILLÆ COMPOSITUM.

## COMPOUND DECOCTION OF SARSAPARILLA.

Recipe take Decocti *of the Decoction* Sarsäpäřillæ *of Sarsaparilla* *ferventis* *boiling* quätuor *four* octarios *pints* ; Radicis *of the root* Sassafras *of Sassafras* concisæ *cut* ; Ligni *of the Wood* Guaiäci *of Guaiacum* rāsi *shaved* ; Radicis *of the* Glycyrrhizæ *of Liquorice* contusæ *bruised*,

singulōrum of each uncĭam an ounce ; Cortĭcis of the bark Radĭcis of the Root Mezerēi of Mezereon tres three drachmas drams ;

Decōque boil down per for quartam the fourth partem part horæ of an hour et and cola strain.

### DECOCTUM SENĖGÆ.

#### DECOCTION OF SENEGA.

Recĭpe take uncĭam an ounce Radĭcis of the Root SenĖgæ of Senega ; duos two octarĭos pints Aquæ of Water ;

Decōque boil down ad to octarĭum a pint, et and cola strain.

### DECOCTUM ULMI.

#### DECOCTION OF ELM (BARK.)

Recĭpe take quātŭor four uncĭas ounces recentis of fresh Cortĭcis Bark Ulmi of the Elm contŭsi bruised ; quātŭor four octarĭos pints Aquæ of Water ;

Decōque boil down ad to duos two octarĭos pints, et and cola strain.

### DECOCTUM VERĀTRI.

#### DECOCTION OF (WHITE) HELLEBORE.

Recĭpe take uncĭam an ounce Radĭcis of the root Verātri of (white) Hellebore contrītæ bruised ; duos two octarĭos pints Aquæ of Water ; duas two fluiduncĭas fluidounces rectificāti of rectified Spiritŭs Spirit ;

Decōque boil down Radĭcem the Root Verātri of Hellebore ex Aquâ from the [whole quantity of] Water ad to octarĭum a pint, et and cola strain ; tum then, postquam after refrixĕrit it shall have cooled, adjĭce add Spiritum the Spirit.

## EXTRACTA.

## EXTRACTS.

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In præpărandis *in preparing* omnibus *all* Extractis *extracts*, consūme *evaporate* humōrem *the moisture* quamprīmum *as soon as possible* balnēo aquōso *in a water bath*, in patinā *in a plate*, donec *until* idōnea *a proper* crassitūdo *thickness* fiat *is made* ad to *forming* pilūlas *pills*, et *and* sub *towards* finem *the end* move *stir* assidue *constantly* spathā *with a rod*.

Inspere *sprinkle* upon omnibus *all* mollioribus *the softer* Extractis *Extracts* paulūlum *a little* rectificāti *of rectified* Spiritūs *Spirit*.

## EXTRACTUM ACONITI.

## EXTRACT OF ACONITE.

Recipe *take* libram *a pound* Foliōrum recentium *of fresh leaves* Aconīti *of Aconite*;

Contunde *bruise* [them] in mortārio lapīdeo *in a stone mortar*, insperso *sprinkled* exīguo *with a little* aquæ *water*; dein *then* exprīme *express* succum *the juice*, que *and* consūme *evaporate* eum *it* non *not* defēcātum *strained*, [i. e. *without straining*] donec *until* habēat *it acquire* idōnēam *a proper* crassitūdīnem *consistence*.

## EXTRACTUM ALÖES PURIFICATUM.

*PURIFIED EXTRACT OF ALOES.*

Recipe take Extracti of *Extract Alöes spicātæ* of  
*spiked Alöes contritibruised dimīdīam half libram*  
*a pound ; Aquæ ferventis of boiling Water*  
*quatūor four octarios pints ;*

*Macëra macerate per for tridūum three days*  
*leni calōre with a gentle heat ; dein then cola*  
*strain, et and sepōne set aside ut that fæces the*  
*dregs subsīdant may subside. Effunde pour off*  
*defæcātum the strained liquōrem liquor, et and*  
*consūme evaporate donec until habēat it acquire*  
*idōnēam a proper crassitūdīnem consistence.*

## EXTRACTUM ANTHEMĪDIS.

*EXTRACT OF CHAMOMILE.*

Recipe take *Flōrum exsiccatorum of dried Flowers*  
*Anthemīdis of Chamomile libram a pound ;*  
*Aquæ of Water congīum a gallon ;*

*Decōque boil down ad to quatūor four octarios*  
*pints, et and cola strain liquōrem the liquor*  
*adhuc whilst calentem hot ; denīque lastly, consūme*  
*evaporate eum it donec until habēat it acquire*  
*idōnēam a proper crassitūdīnem consistence.*

## EXTRACTUM BELLADONNÆ.

*EXTRACT OF BELLADONNA.*

Recipe take *libram a pound Foliōrum recentium*  
*of fresh Leaves Belladonnæ of Belladonna*  
*[deadly Night-shade] ;*

Contunde *bruise* [*them*] in mortārio lapīdēo in a stone mortar, insperso *sprinkled* exīguo with a little aquæ water; dein *then* exprīme *express* succum *the juice*, que and consūme *evaporate* eum *it*, non not defēcātum *strained* [i. e. without *straining*], donec *until* habēat *it acquire* idōnēam a proper crassitūdīnem *consistence*.

## EXTRACTUM CINCHONÆ

## EXTRACT OF CINCHONA.

Recīpe take libram a pound Corticis of the Bark Cinchōnæ lancifoliæ of lance-leaved Cinchona contūsi *bruised*; congium a gallon Aquæ of Water;

Decōque *boil down* ad to sex six octarios pints, et *and* cola *strain* liquōrem the liquor adhuc *whilst* calentem *hot*. Eōdem in the same modo *manner* decōque *boil down* ex from pari the like mensūrâ *measure* Aquæ of Water quater *four times*, et *and* cola *strain*. Denīque *lastly*, consūme *evaporate* liquōres omnes *all the liquors* mistos *mixed* in unum *into one*, donec *until* habēant *they acquire* idōnēam a proper crassitūdīnem *consistence*.

Hoc this Extractum *Extract* debet *ought* servāri *to be kept* MOLLE *soft*, quod *which* sit *may* be aptum *fit* ad *forming* pilūlas *pills*, et *and* DURUM *hard*, quod *which* possit *may* teri *be rubbed* in pulvĕrem *into a powder*.

## EXTRACTUM CINCHONÆ RESINOSUM.

## RESINOUS EXTRACT OF CINCHONA.

Recipe take libram a pound Corticis of the Bark Cinchonæ lancifoliæ of lance-leaved Cinchona ; quatuor four octarios pints Spiritûs rectificati of rectified Spirit ;

Macera macerate per for quatuor four dies days, et and cola strain. Distillet tinctura let the tincture distil aquoso balneo in a water bath, donec until habeat it acquire idonæam a proper crassitudinem consistence.

## EXTRACTUM COLOCYNTHIDIS.

## EXTRACT OF COLOCYNTH.

Recipe take libram a pound Pulpæ of the Pulp Colocynthidis of Colocynth ; congiûm a gallon Aquæ of Water ;

Decoque boil down ad to quatuor four octarios pints, et and cola strain liquorem the liquor adhuc whilst calentem hot ; denique lastly, consume evaporate eum it donec until habeat it acquire idonæam a proper crassitudinem consistence.

EXTRACTUM COLOCYNTHIDIS  
COMPOSITUM.

## COMPOUND EXTRACT OF COLOCYNTH.

Recipe take sex six drachmas drams Pulpæ of the Pulp Colocynthidis of Colocynth concisæ sliced ;

unciam *an ounce* cum *with* semisse *half* (*an ounce*) Extracti *of the Extract* Alōēs spicātæ *of spiked Aloes* contrīti *powdered* ; dimidiā *half* unciam *an ounce* Gummi-resinæ *of the Gum-resin* Scammonææ *of Scammony* contrītæ *powdered* ; drachmam *a dram* Semīnum *of the Seeds* Cardāmōmi *of Cardamom* contritōrum *powdered* ; libram *a pound* Spiritūs tenuiōris *of proof Spirit* ;

Macēra *macerate* Pulpam *the Pulp* Colocynthidis *of the Colocynth* in Spiritu *in the Spirit* leni calōre *with a gentle heat*, per *for* quatrīdūm *four days*. Cola *strain* liquōrem *the liquor*, que *and* adijce *add* Alōēn *the Aloe* et *and* Scammonēam *Scammony* ei *to it* ; dein *then* consūme *evaporate* Spiritum *the Spirit*, donec *until* habēat *it acquire* idōnēam *a proper* crassitūdīnem *consistence*, et *and*, sub *towards* finem *the end*, admisce *mix in* Semīna *the Seeds* Cardāmōmi *of Cardamom*.

## EXTRACTUM CONII.

### EXTRACT OF HEMLOCK.

Recīpe *take* libram *a pound* Coniī recentis *of fresh Hemlock* ;

Contunde *bruise* in mortārio lapīdēo *in a stone mortar*, insperso *sprinkled* exīgūo *with a little* aquæ *water* ; dein *then* exprīme *express* succum *the juice* que *and* consūme *evaporate* eum *it* non defēcātum *strained* [i. e. *without straining*] ; donec *until* habēat *it acquire* idōnēam *a proper* crassitūdīnem *consistence*.



## EXTRACTUM ELATĒRII.

## EXTRACT OF ELATERIUM.

Scinde *cut* Poma matūra *the ripe Fruit* Elateriī *of wild Cucumber*, et *and* cōla strain succum *the juice* levissimè *lightly* expressum *expressed* per through tenuissimum *a very fine* cribrum setaceum *hair sieve* in vas vitreum *into a glass vessel*; deinde *then* sepōne *set aside* per for aliquot *some* horas *hours*, donec *until* crassior *the thicker* pars *part* subsederit *shall have subsided*. Supernātante *the supernatant* tenuiōre *thinner* parte *part* rejectā *being rejected*, exsicca *dry* crassiōrem *the thicker* partem *part* leni calōre *with a gentle heat*.

## EXTRACTUM GENTIĀNÆ.

## EXTRACT OF GENTIAN.

Recipe take libram *a pound* Radicis *of the Root* Gentianæ *of Gentian* concisæ *sliced*; congiūm *a gallon* Aquæ ferventis *of boiling Water*;

Macēra *macerate* per for viginti *twenty* quātūor *four* horas *hours*; tum *then* decoque *boil down* ad tō quātūor *four* octarios *pints*, et *and* cola strain liquōrem *the liquor* adhuc *whilst* calentem *hot*; denīque *lastly*, consūme *evaporate* eum *it* donec *until* habēat *it* acquirē idōnēam *a proper* crassitudīnem *consistence*.

## EXTRACTUM GLYCYRRHIZÆ.

## EXTRACT OF LIQUORICE.

Recipe take libram *a pound* Radicis *of the Root* Glycyrrhizæ *of Liquorice* concisæ *sliced*; congiūm *a gallon* Aquæ ferventis *of boiling Water*;



*Macëra macerate per for viginti twenty quatŭor four horas hours ; tum then decöque boil down ad to quatŭor four octarios pints, et and cola strain liquorem the liquor adhuc whilst calentem hot ; denique lastly, consũme evaporate eum it, donec until habëat it acquire idõnëam a proper crassitũdinem consistence.*

## EXTRACTUM HÆMATOXŸLI.

### EXTRACT OF LOGWOOD.

*Recipe take libram a pound Ligni of the Wood Hæmatoxŷli of Hæmatoxylon [Logwood] ; congium a gallon Aquæ ferventis of boiling Water ;*

*Macëra macerate per for viginti twenty quatŭor four horas hours ; tum then decöque boil down ad to quatŭor four octarios pints, et and cola strain liquorem the liquor adhuc whilst calentem hot ; denique lastly, consũme evaporate eum it, donec until habëat it acquire idõnëam a proper crassitũdinem consistence.*

## EXTRACTUM HUMŪLI.

### EXTRACT OF THE HOP.

*Recipe take quatŭor four uncias ounces Strobilorum\* of the Strobiles Humŭli of the Hop ; congium a gallon Aquæ of Water ;*

*Decöque boil down ad to quatŭor four octarios pints, et and cola strain liquorem the liquor adhuc*

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\* *Strobilus* signifies an *Artichoke*, which the flower of the Hop resembles in structure — whence the name.

*whilst calentem hot ; denique lastly, consūme evaporate eum it donec until habēat it acquire idōnēam a proper crassitūdinem consistence.*

### EXTRACTUM HYOSCYĀMI.

#### EXTRACT OF HENBANE.

*Recipe take libram a pound Foliōrum recentium of fresh Leaves Hyoscyāmi of Henbane ;*

*Contunde bruise (them) in mortariō lapidēo in a stone mortar, insperso sprinkled exīgūo with a little aquæ water ; dein then exprime express succum the juice, que and consūme evaporate eum it non not defēcātum strained [i. e. without straining], donec until habēat it acquire idōnēam a proper crassitūdinem consistence.*

### EXTRACTUM JALĀPÆ.

#### EXTRACT OF JALAP.

*Recipe take libram a pound Radicis of the Root Jalāpæ of Jalap contrītæ powdered ; quatuor four octarios pints Spiritūs rectificāti of rectified Spirit ; decem ten octarios pints Aquæ of Water ;*

*Macēra macerate Radicem the Root Jalāpæ of Jalap in Spiritu in the Spirit per for quatrīdūm four days, et and effunde pour off tinctūram the tincture. Decōque boil down residūm the residue ex Aquâ from the [whole quantity of] Water ad to duos two octarios pints. Dein then cola strain tinctūram the tincture et and decoctum*

*decoction separātīm separately ; et and hoc consumātur let this [the decoction] be evaporated ; illa distillet let that [the tincture] be distilled donec until utrumque each spissescat become thick. Postrēmò lastly, misce mix et and consūme evaporate Extractum the Extract cum with Resīnâ the Resin, donec until habēat it acquire idōneam a proper crassitūdīnem consistence.*

*Hoc this Extractum Extract servētur should be kept MOLLE soft, quod which sit may be aptum fit ad fingendas to form pilūlas pills, et and DURUM hard, quod which possit may be teri rubbed in pulvĕrem into a powder.*

## EXTRACTUM OPĪI.

### EXTRACT OF OPIUM.

*Recipe take dimīdiām half libram a pound Opīi of Opium concīsi sliced ; tres three octarios pints Aquæ of Water ;*

*Adjice add exigūum a little aquæ water Opīo to the Opium, et and macĕra macerate per for duōdĕcim twelve horas hours, ut that mollescat it may grow soft ; tum then, rĕliquâ the remaining Aquâ Water instillâtâ being dropped in paulātīm gradually, tere rub (them) donec until miscĕantur they are mixed quām optīmè very well, et and sepōne set aside, ut that fæces the dregs subsidant may subside ; dein then cola strain liquōrem the liquor, et and consūme evaporate donec until habēat it acquire idōneam a proper crassitūdīnem consistence.*

## EXTRACTUM PAPAVERIS.

## EXTRACT OF POPPY.

Recipe take libram a pound Capsulārum of Capsules Papaveris of the Poppy contusārum bruised, exemptis seminibus being deprived of the Seeds ; congiūm a gallon Aquæ ferventis of boiling Water ;

Macēra macerate per for viginti twenty quatuor four horas hours ; tum then decoque boil down ad to quattuor four octarios pints, et and cola strain liquorem the liquor adhuc whilst calentem hot ; denique lastly, consume evaporate eum it donec until habeat it acquire idoneam a proper crassitudinem consistence.

## EXTRACTUM RHĒI.

## EXTRACT OF RHUBARB.

Recipe take libram a pound Radicis of the Root Rhēi of Rhubarb contritæ powdered ; octarium a pint Spiritūs tenuioris of proof Spirit ; septem seven octarios pints Aquæ of Water ;

Macēra macerate per for quatrīdium four days leni calore with a gentle heat ; dein then cola strain, et and sepone set aside, ut that fæces the dregs subsīdant may subside. Effunde pour off liquorem the liquor, que and consume evaporate eum it defæcātum (when) strained, donec until habeat it acquire idoneam a proper crassitudinem consistence.

## EXTRACTUM SARSAPARILLÆ.

## EXTRACT OF SARSAPARILLA.

Recipe take libram a pound Radicis of the Root Sarsaparillæ of Sarsaparilla concisæ sliced ; congiūm a gallon Aquæ ferventis of boiling Water ;

Macëra macerate per for viginti twenty quātūor four horas hours ; tum then decōque boil down ad to quātūor four octarios pints, et and cola strain liquōrem the liquor adhuc whilst calentem hot ; denique lastly, consūme evaporate eum it, donec until habēat it acquire idōnēam a proper crassitūdinem consistence.

## EXTRACTUM TARAXĀCI.

## EXTRACT OF DANDELION.

Recipe take libram a pound Radicis recentis of fresh Root Taraxāci of Dandelion contūsæ bruised ; congiūm a gallon Aquæ ferventis of boiling Water ;

Macëra macerate per for viginti twenty quatūor four horas hours ; tum then decōque boil down ad to quatūor four octarios pints, et and cola strain liquōrem the liquor adhuc whilst calentem hot ; denique lastly, consūme evaporate eum it, donec until habēat it acquire idōnēam a proper crassitūdinem consistence.

## MISTŪRÆ. MIXTURES.

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### MISTŪRA AMMONIACI.

#### MIXTURE OF (GUM) AMMONIAC.

*Recipe take duas two drachmas drams Ammoniāci of (Gum) Ammoniac ; dimidium half octarium a pint Aquæ of Water ;*

*Tere rub Ammoniācum the Ammoniac cum with Aquâ the Water instillâtâ dropped in paulātim gradually, donec until miscēantur they are mixed quàm optimè very well [as well as possible].*

### MISTŪRA AMYGDĀLĀRUM.

#### MIXTURE OF ALMONDS.

*Recipe take duas two uncias ounces Confectionis of the Confection Amygdalārum of Almonds ; octarium a pint Aquæ distillatæ of distilled Water ;*

*Adjice add Aquam the Water Confectioni to the Confection Amygdalārum of Almonds paulātim gradually inter terendum whilst it is rubbing, donec until miscēantur they are mixed ; dein then cola strain.*

## MISTŪRA ASSAFŒTIDÆ.

## MIXTURE OF ASSAFŒTIDA.

Recipe take duas two drachmas drams Assafoetidæ of Assafoetida ; dimidium half octarium a pint Aquæ of Water ;

Tere rub Assafoetidam the Assafoetida cum with Aquâ the Water instillâtâ dropped in paulatim gradually, donec until miscēantur they are mixed quàm optimè very well [as well as possible].

## MISTŪRA CAMPHORÆ.

## MIXTURE OF CAMPHOR.

Recipe take dimidiâ half drachmam a dram Camphoræ of Camphor ; decem ten minîma minims Spiritûs rectificâti of rectified Spirit ; octarium a pint Aquæ of Water ;

Tere rub Camphoram the Camphor primùm first cum with Spiritu the Spirit, deinde then cum with Aquâ the Water instillâtâ dropped in paulatim gradually, et and cola strain.

## MISTŪRA CORNU USTI.

## MIXTURE OF BURNT (HARTS') HORN.

Recipe take duas two uncias ounces Cornûum ustôrum of burnt (Harts') Horns ; unciam an ounce Acaciæ Gummi of Gum Acacia contriti powdered ; tres three octarios pints Aquæ of Water ;



*Decoque boil down ad to duos two octarios pints, movens stirring assidue constantly; tum then cola strain.*

### MISTŪRA CRETÆ.

#### MIXTURE OF CHALK.

*Recipe take dimidiā half unciam an ounce Cretæ præparatæ of prepared Chalk; tres three drachmas drams Sacchāri purificāti of purified Sugar; dimidiā half unciam an ounce Acaciæ Gummi of Gum Acacia contrīti powdered; octarium a pint Aquæ of Water;*

*Misce mix.*

### MISTŪRA FERRI COMPOSITA.

#### COMPOUND MIXTURE OF IRON.

*Recipe take drachmam a dram Myrrhæ of Myrrh contrītæ powdered; viginti twenty quinque five grana grains Subcarbonātis of the Subcarbonate Potassæ of Potass; septem seven fluiduncias fluidounces cum with semisse half (an oz.) Aquæ Rosæ of Rose Water; scrupulum a scruple Sulphātis of Sulphate Ferri of Iron contrītæ powdered; dimidiā half fluidunciam a fluid ounce Spiritūs of Spirit Myristicæ of Nutmeg; drachmam a dram Sacchāri purificāti of purified Sugar;*

*Tere rub simul together Myrrham the Myrrh cum with Subcarbonāte the Subcarbonate Potassæ of Potass et and Sacchāro Sugar, que and his to*



*these, dum whilst conteruntur they are being triturated, adjice add primùm first Aquam the Water Rosæ of the Rose, et and Spiritum the Spirit Myristicæ of Nutmeg, postrèmo [and] lastly Sulphātem the Sulphate Ferri of Iron. Immitte put mistūram the mixture statim immediately in into idōnēum a proper vas vitrēum glass vessel, que and obtura stop id it.*

The sulphuric Acid of the Sulphate of Iron having a greater affinity for the Potass of the Subcarbonate than for the Iron, unites with it, forming a *Sulphate of Potass* in solution ; whilst the carbonic Acid of the Subcarbonate, thus set free, unites with the Iron, forming a *Subcarbonate of Iron*, which is held mechanically in solution by the Myrrh.

This mixture should be kept excluded from the air, otherwise the Iron will rapidly absorb Oxygen ; it is best, therefore, to make it when required to be used, and should be sent out in draughts. It may not be improper to remark, that any medicines containing substances speedily affected by the atmosphere, are best sent in this form.

### MISTŪRA GUAIĀCI.

#### MIXTURE OF GUAIIACUM.

*Reciĭpe take drachmam a dram cum with semisse half (a dram) Gummi-resinæ of the Gum-resin Guaiāci of Guaiacum ; duas two drachmas drams Sacchāri purificāti of purified Sugar ; duas two fluidrachmas fluid drams Mucilaginis of the Mucilage Acāciæ Gummi of Gum Acacia ; octo eight fluiduncias fluid ounces Aquæ of the Water Cinnamōmi of Cinnamon ;*

Tere rub Guaiăcum the Guaiacum cum with Sacchăro the Sugar, deinde then cum with Mucilagine the Mucilage, que and his to these, dum whilst conteruntur they are being rubbed, adjice add Aquam the Water Cinnamōmi of Cinnamon paulătim gradually.

### MISTŪRA MOSCHI.

#### MIXTURE OF MUSK.

Reciġe take Moschi of Musk, Acăciă Gummi of Gum Acacia contriti powdered, Sacchări purificăti of purified Sugar, singulōrum of each drachmam a dram ; Aquă Rosă of Rose Water sex six fluiduncias fluidounces ;

Tere rub Moschum the Musk cum with Sacchăro the Sugar, deinde then cum with Gummi the Gum, Aquă the Water Rosă of the Rose instillătă being dropped in paulătim gradually.

## SPIRĪTUS.

### SPIRITS.

#### ALCŌHOL.

Reciġe take congġum a gallon Spirĭtŭs rectificăti of rectified Spirit ; tres three libras pounds Subcarbonătis of the Subcarbonate Potassă of Potass ;

Injice *throw in libram a pound* Subcarbonātis *of the Subcarbonate* Potassæ *of Potass*, (prius *first* calefactam *heated ad to* trecentēsimum *the 300th* gradum *degree*), Spiritūi *to the Spirit*, et *and* macera *macerate per for* viginti *twenty* quatūor *four* horas *hours*, movens *stirring* sæpius *frequently*; tum *then* Spiritūi *to the Spirit*, [when] effuso *poured off*, adjice *add* Subcarbonātis *of the Subcarbonate* Potassæ *of Potass* quod *that* which est *is* reliquum *left*, calefactum *heated ad to* eundem *the same* gradum *degree*; denique *lastly*, balneo aquoso *with a water bath*, distillet *let the* Alcōhol *distil*, quod *which* est *is* servandum *to be kept in vase in a vessel obturato stopped*.

Specificum *the specific* pondus *weight* Alcoholis *of Alcohol* est *is* ad *to* pondus specificum *the specific weight* Aquæ distillatæ *of distilled Water*, ut *as* .815 *ad to* 1.000 [octingentæ *800* et *and* quindécim *15* (partes æquales *equal parts sunt are*) *ad to mille 1000* (of the like equal parts).]

The water contained in the rectified spirit having a greater affinity for the Alkali than for the Alcohol, unites with it, and remains in the retort whilst the Alcohol is brought over by the distillation.

## SPIRITUS AMMONIÆ.

### SPIRIT OF AMMONIA.

Recipe *take tres three* octarios *pints* Spiritūs tenuioris *of proof Spirit*; quatūor *four* uncias *ounces* Muriātis *of the Muriate* Ammoniæ *of Ammonia*;

*sex six uncias ounces Subcarbonātis of the Subcarbonate Potassæ of Potass.*

*Misce mix, et and distillet let there distil octarius a pint cum with semisse half [a pint] lento igne with a slow fire in receptaculum into a receiver frigefactum made cool.*

The Ammonia of the Muriate being set free by the Potass, which has the greater affinity for the Muriatic Acid, (as has already been shown), unites with the Alcohol, and is brought over by the distillation.

### SPIRĪTUS AMMONIÆ AROMATICUS.

#### AROMATIC SPIRIT OF AMMONIA.

*Recipe take Corticis of Bark Cinnamōmi of Cinnamon contūsi bruised, Caryophyllōrum of Cloves contusōrum bruised, singulōrum of each duas two drachmas drams ; quatūor four uncias ounces Corticis of the Peel Limōnum of Lemons ; dimidiā half libram a pound Subcarbonātis of the Subcarbonate Potassæ of Potass ; quinque five uncias ounces Muriātis of the Muriate Ammonīæ of Ammonia ; quatūor four octarios pints Spiritūs rectificāti of rectified Spirit ; congiūm a gallon Aquæ of Water ;*

*Misce mix et and distillent let there distil sex six octarii pints.*

In addition to the former process, the Spirit here takes up the aromatic properties of the Spices ordered.

## SPIRĪTUS AMMONIÆ FŒTĪDUS.

## FŒTID SPIRIT OF AMMONIA.

Recipe take duos two octarios pints Spiritûs of the Spirit Ammoniæ of Ammonia ; duas two uncias ounces Assafœtidæ of Assafœtida ;

Macera macerate per for duodëcim twelve horas hours, tum then lento igne with a slow fire distillet octarius let a pint distil cum with semisse half (a pint) in receptacûlum into a receiver frigefactum made cool.

## SPIRĪTUS AMMONIÆ SUCCINATUS.

## SUCCINATED SPIRIT OF AMMONIA.

Recipe take tres three drachmas drams Mastiches of Mastich ; novem nine fluidrachmas fluid drams Spiritûs rectificati of rectified Spirit ; quatuordëcim fourteen minima minims Olëi of the Oil Lavandülæ of Lavender ; quatuor four minima minims Olëi of the Oil Succini of Amber ; decem ten fluiduncias fluid ounces Liquoris of the Liquor Ammoniæ of Ammonia ;

Macera macerate Mastichen the Mastich in Spiritu in the Spirit, ut that liquetur it may be dissolved, et and effunde pour off tincturam defæctam the clear tincture ; tum then adjice add cætëra the other [ingredients] et and agita shake omnia the whole simul together.

## SPIRĪTUS ANISI.

## SPIRIT OF ANISEED.

*Recipe take dimidiā half libram a pound Seminum of the Seeds Anīsi of Anise contusōrum bruised ; congiū a gallon Spiritūs tenuioris of proof Spirit ; quod that which sit may be satis sufficient Aquæ of Water ad to prohibendum prevent empyreūma empyreuma ;*

*Macera macerate per for viginti twenty quatuor four horas hours ; tum then congius distillet let a gallon distil lento igne with a slow fire.*

## SPIRĪTUS ARMORACIÆ COMPOSITUS.

## COMPOUND SPIRIT OF HORSERADISH.

*Recipe take Radicis recentis of the fresh Root Armoraciæ of Horseradish concisæ sliced, Corticis exsiccati of the dried Peel Aurantii of Orange, singulōrum of each libram a pound ; Myristicæ Nucleōrum of Nutmegs contusōrum bruised dimidiā half unciam an ounce ; Spiritūs tenuioris of proof Spirit congiū a gallon ; Aquæ of Water quod that which sit may be satis sufficient ad prohibendum to prevent empyreūma empyreuma ;*

*Macera macerate per for viginti quatuor twenty-four horas hours ; tum then distillet congius let a gallon distil lento igne with a slow fire.*

## SPIRĪTUS CAMPHÖRÆ.

## SPIRIT OF CAMPHOR.

Recipe take quatŭor four uncias ounces Camphöræ of Camphor ; duos two octarios pints Spirĭtŭs rectificāti of rectified Spirit ;

Misce mix, ut that Camphöra the Camphor liquētur may be dissolved.

## SPIRĪTUS CARŪI.

## SPIRIT OF CARRAWAY.

Recipe take Semĭnum of the Seeds Carŭi of Carraway contusōrum bruised libram a pound cum with semisse half (a pound) ; Spirĭtŭs tenuioris of proof Spirit congĭum a gallon ; Aquæ of Water quod that which sit may be satis sufficient ad prohibendum to prevent empyreūma empyreuma ;

Macĕra macerate per for vĭginti quatŭor twenty-four horas hours ; tum then distillet congĭus let a gallon distil lento igne with a slow fire.

## SPIRĪTUS CINNAMŌMI.

## SPIRIT OF CINNAMON.

Recipe take libram a pound Cortĭcis of the Bark Cinnamōmi of Cinnamon contŭsi bruised ; congĭum a gallon Spirĭtŭs tenuioris of proof Spirit ; quod that which sit may be satis sufficient Aquæ



*of Water ad prohibendum to prevent empyreūma empyreuma;*

*Macëra macerate per for viginti quatŭor twenty-four horas hours; tum then distillet congïus let a gallon distil lento igne with a slow fire.*

## SPIRĪTUS JUNIPĚRI COMPOSITUS.

### COMPOUND SPIRIT OF JUNIPER.

*Recipe take Baccārum of Berries JunipĚri of Juniper contusārum bruised libram a pound; Semīnum of Seeds Carŭi of Carraway contusōrum bruised, Semīnum of the Seeds Fœnicŭli of Fennel contusōrum bruised, singulōrum of each uncīam an ounce, cum with semisse half (an ounce); Spirītŭs tenuioris of proof Spirit congïum a gallon; Aquæ of Water quod that which sit may be satis sufficient ad prohibendum to prevent empyreūma empyreuma;*

*Macëra macerate per for viginti quatŭor twenty-four horas hours; tum then distillet congïus let a gallon distil lento igne with a slow fire.*

## SPIRĪTUS LAVANDŬLÆ.

### SPIRIT OF LAVENDER.

*Recipe take duas two libras pounds Flōrum recentium of fresh Flowers Lavandŭlæ of Lavender; congïum a gallon Spirītŭs rectificāti of rectified Spirit; quod that which sit may be satis sufficient Aquæ of Water ad to prohibendum prevent empyreūma empyreuma;*

*Macēra macerate per for viginti quatūor twenty-four horas hours ; tum then distillet congius let a gallon distil lento igne with a slow fire.*

## SPIRĪTUS LAVANDŪLÆ COMPOSITUS.

### COMPOUND SPIRIT OF LAVENDER.

*Recipe take Spiritūs of Spirit Lavandulæ of Lavender tres three octarios pints ; Spiritūs of Spirit Rosmarīni of Rosemary octarium a pint ; Corticis of Bark Cinnamōmi of Cinnamon contūsi bruised, Myristicæ Nucleōrum of Nutmegs contusōrum bruised, singulōrum of each dimidiām half unciam an ounce ; Pterocarpi Ligni of red Saunders Wood concīsi sliced unciam an ounce ;*

*Macēra macerate per for quatuordēcim fourteen dies days, et and cola strain.*

## SPIRĪTUS MENTHÆ PIPERITÆ.

### SPIRIT OF PEPPERMINT.

*Recipe take Menthæ piperitæ of peppermint exsiccātæ dried libram a pound cum with semisse half (a pound) ; Spiritūs tenuioris of proof Spirit congiūm a gallon ; Aquæ of Water quod that which sit may be satis sufficient ad prohibendum to prevent empyreūma empyreuma ;*

*Macēra macerate per for viginti quatūor twenty-four horas hours ; tum then distillet congius let a gallon distil lento igne with a slow fire.*

## SPIRĪTUS MENTHÆ VIRĪDIS.

## SPIRIT OF SPEARMINT.

Recīpe take *Menthæ viridis* of *Spearmint* exsiccatæ dried *libram* a pound, cum with *semisse* half (a pound) ; *Spirītūs tenuioris* of proof *Spirit* congĭum a gallon ; *Aquæ* of *Water* quod that which sit may be satis sufficient ad prohibendum to prevent *empyreūma empyreuma* ;

*Macēra* macerate per for *viginti quatuor* twenty-four *horas* hours ; tum then congĭus distillet let a gallon distil lento igne with a slow fire.

## SPIRĪTUS MYRISTICÆ.

## SPIRIT OF NUTMEG.

Recīpe take *Myristicæ Nucleōrum* of *Nutmegs* contusōrum bruised *unciās duas* two ounces ; *Spirītūs tenuioris* of proof *Spirit* congĭum a gallon ; *Aquæ* of *Water* quod that which sit may be satis sufficient ad prohibendum to prevent *empyreūma empyreuma* ;

*Macēra* macerate per for *viginti quatuor* twenty-four *horas* hours ; tum then distillet congĭus let a gallon distil lento igne with a slow fire.

## SPIRĪTUS PIMENTÆ.

## SPIRIT OF PIMENTA.

Recīpe take *Baccārum* of *Berries* *Pimentæ* of *Pimenta* contusārum bruised *duas* two *unciās* ounces ; *Spirītūs tenuioris* of proof *Spirit* con-

gĭum a gallon ; Aquæ of Water quod that which sit may be satis sufficient ad prohibendum to prevent empyreūma empyreuma ;

Macĕra macerate per for viginti quatŭor twenty-four horas hours ; tum then lento igne with a slow fire distillet congĭus let a gallon distil.

## SPIRĪTUS PULEGĪI.

## SPIRIT OF PENNYROYAL.

Recĭpe take Pulegĭi of Pennyroyal exsiccati dried libram a pound, cum with semisse half (a pound) ; Spirĭtŭs tenuioris of proof Spirit congĭum a gallon ; Aquæ of Water quod that which sit may be satis sufficient ad prohibendum to prevent empyreūma empyreuma ;

Macĕra macerate per for viginti quatŭor twenty-four horas hours ; tum then distillet congĭus let a gallon distil lento igne with a slow fire.

## SPIRĪTUS ROSMARINI.

## SPIRIT OF ROSEMARY.

Recĭpe take Cacumĭnum recentĭum of fresh Tops Rosmarĭni of Rosemary duas two libras pounds ; Spirĭtŭs rectificati of rectified Spirit congĭum a gallon ; Aquæ of Water quod that which sit may be satis sufficient ad prohibendum to prevent empyreūma empyreuma ;

Macĕra macerate per for viginti quatŭor twenty-four horas hours ; tum then distillet congĭus let a gallon distil lento igne with a slow fire.

## TINCTŪRÆ. TINCTURES.

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*Omnes all TINCTŪRÆ Tinctures debent ought præparâri to be prepared in vasis vitrëis in glass vessels clausis stopped (close), et and agitâri to be shaken sæpiùs often inter whilst macerandum macerating.*

### TINCTŪRA ALÖËS.

#### TINCTURE OF ALOES.

*Recipe take Extracti of Extract Alöës spicātæ of spiked Aloes contrīti powdered dimidiām half unciam an ounce ; Extracti of Extract Glycyrrhīzæ of Liquorice unciam an ounce cum with semisse half (an ounce) ; Aquæ of Water octarium a pint ; Spiritûs rectificāti of rectified Spirit quatuor four fluiduncias fluid ounces ;*

*Macëra macerate balnëo in a bath arēnæ of sand, donec until Extracta the Extracts liquentur are dissolved ; tum then cola strain.*

### TINCTŪRA ALÖËS COMPOSITA.

#### COMPOUND TINCTURE OF ALOES.

*Recipe take Extracti of Extract Alöës spicātæ of spiked Aloes contrīti powdered, Stigmätum of Stigmata Croci of Saffron, singulorum of*

*each tres three uncias ounces ; Tinctūræ of Tincture Myrrhæ of Myrrh duos two octarios pints ;*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

## TINCTURA ASSAFÆTIDÆ.

## TINCTURE OF ASSAFÆTIDA.

*Recipe take quatŭor four uncias ounces Assafætīdæ of Assafætida ; duos two octarios pints Spiritûs rectificāti of rectified Spirit ;*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

## TINCTŪRA AURANTII.

## TINCTURE OF ORANGE (PEEL).

*Recipe take Corticis recentis of fresh Peel Aurantii of Orange tres three uncias ounces ; Spiritûs tenuioris of proof Spirit duos two octarios pints ;*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

## TINCTŪRA BENZÖINI COMPOSITA.

## COMPOUND TINCTURE OF BENJAMIN.

*Recipe take tres three uncias ounces Benzöini of Benzoin ; duas two uncias ounces Balsămi of Balsam Styrăcis of Styrax colāti strained ; unciam an ounce Balsămi of Balsam Tolutāni of Tolu ;*

unciā dimidiā *half an ounce* Extracti of *Extract* Alōēs spicātæ of *spiked Aloes*; duos two octarios *pints* Spiritūs rectificāti of *rectified Spirit*;

Macēra *macerate per for* quatuordēcim *fourteen* dies *days*, et *and* cola *strain*.

### TINCTŪRA CALUMBÆ.

#### TINCTURE OF CALUMBA.

Recīpe take duas two unciās *ounces* cum with semisse *half (an ounce)* Radicis of the *Root* Calumbæ of *Calumba* concīsæ *sliced*; duos two octarios *pints* Spiritūs tenuioris of *proof Spirit*;

Macēra *macerate per for* quatuordēcim *fourteen* dies *days*, et *and* cola *strain*.

### TINCTŪRA CAMPHÖRÆ COMPOSITA.

#### COMPOUND TINCTURE OF CAMPHOR.

Recīpe take Camphöræ of *Camphor* duos two scrupulos *scruples*; durī Opīi of *hard Opium* contrīti *powdered*, Acīdi Benzoīci of *Benzoic Acid*, singulōrum of *each* drachmam a *dram*; Spiritūs tenuioris of *proof Spirit* duos two octarios *pints*;

Macēra *macerate per for* quatuordēcim *fourteen* dies *days*, et *and* cola *strain*.



## TINCTŪRA CAPSICI.

## TINCTURE OF CAPSICUM.

Recipe take unciām an ounce Baccārum of the Berries Capsici of Capsicum ; duos two octarios pints Spiritūs tenuioris of proof Spirit ;

Macera macerate per for quatuordēcim fourteen dies days, et and cola strain.

## TINCTŪRA CARDAMŌMI.

## TINCTURE OF CARDAMOM.

Recipe take unciās tres three ounces Semīnum of Seeds Cardamōmi of Cardamom contusōrum bruised ; octarios duos two pints Spiritūs tenuioris of proof Spirit ;

Macera macerate per for quatuordēcim fourteen dies days, et and cola strain.

## TINCTŪRA CARDAMŌMI COMPOSITA.

## COMPOUND TINCTURE OF CARDAMOM.

Recipe take Semīnum of Seeds Cardamōmi of Cardamom, Semīnum of Seeds Carui of Carraway, Cocci and of Cochineal, singulōrum of each contritōrum bruised duas two drachmas drams ; Corticis of Bark Cinnamōmi of Cinnamon contūsi bruised dimidiām half unciām an ounce ; passārum of dried Uvārum grapes [raisins], acinis the stones demptis being taken out, quatuor four unciās ounces ; Spiritūs tenuioris of proof Spirit duos two octarios pints ;

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

### TINCTÛRA CASCÄRILLÆ.

#### TINCTURE OF CASCARILLA.

*Recıpe take Corticis of Bark Cascärillæ of Cascarilla contrıti powdered quatüor four uncıas ounces ; Spiritûs tenuioris of proof Spirit duos two octariös pints ;*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

### TINCTÛRA CASTORËI.

#### TINCTURE OF CASTOR.

*Recıpe take duas two uncıas ounces Castorëi of Castor contrıti powdered ; Spiritûs rectificati of rectified Spirit duos two octariös pints ;*

*Macëra macerate per for septem seven dies days, et and cola strain.*

### TINCTÛRA CATËCHU.

#### TINCTURE OF CATECHU.

*Recıpe take uncıas tres three ounces Extracti of the Extract Catëchu of Catechu ; uncıas duas two ounces Corticis of the Bark Cinnamömi of Cinnamon contüsi bruised ; duos two octariös pints Spiritûs tenuioris of proof Spirit ;*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

## TINCTŪRA CINCHONÆ.

## TINCTURE OF CINCHONA (BARK).

Recipe take Corticis of the Bark Cinchōnæ lancifoliæ of lance-leaved Cinchona contriti powdered septem seven uncias ounces ; Spiritûs tenuioris of proof Spirit duos two octarios pints ;

Macera macerate per for quatuordëcim fourteen dies days, et and cola strain.

## TINCTŪRA CINCHONÆ AMMONIATA.

## AMMONIATED TINCTURE OF CINCHONA (BARK).

Recipe take Corticis of the Bark Cinchōnæ lancifoliæ of lance-leaved Cinchona contriti powdered quatuor four uncias ounces ; Spiritûs aromatici of aromatic Spirit Ammoniæ of Ammonia duos two octarios pints ;

Macera macerate per for decem ten dies days, et and cola strain.

## TINCTŪRA CINCHONÆ COMPOSITA.

## COMPOUND TINCTURE OF CINCHONA (BARK.)

Recipe take Corticis of the Bark Cinchōnæ lancifoliæ of lance-leaved Cinchona contriti powdered duas two uncias ounces ; Corticis of the Peel Aurantii of Orange exsiccâti dried unciam an ounce cum with semisse half (an oz.) ; Serpentariæ

*Radīcis of Serpentary Root contūsæ bruised tres three drachmas drams ; Stigmātum of the Stigmata Croci of Saffron drachmam a dram ; Cocci of Cochineal contrīti powdered duos two scrupulos scruples ; Spiritūs tenuioris of proof Spirit viginti twenty fluiduncias fluid ounces ;*

*Macēra macerate per for quatuordēcim fourteen dies days et and cola strain.*

### TINCTŪRA CINNAMŌMI.

#### TINCTURE OF CINNAMON.

*Recīpe take Cortīcis of Bark Cinnamōmi of Cinnamon contūsi bruised tres three uncias ounces ; Spiritūs tenuioris of proof Spirit duos two octarios pints ;*

*Macēra macerate per for quatuordēcim fourteen dies days, et and cola strain.*

### TINCTŪRA CINNAMŌMI COMPOSĪTA.

#### COMPOUND TINCTURE OF CINNAMON.

*Recīpe take Cortīcis of Bark Cinnamōmi of Cinnamon contūsi bruised sex six drachmas drams ; Semīnum of Seeds Cardamōmi of Cardamom contusōrum bruised tres three drachmas drams ; Fructūs of the Fruit Pipēris longi of long Pepper contrīti powdered, Radīcis of root Zingibēris of Ginger concīsæ sliced, singulōrum of each duas two drachmas drams ; Spiritūs tenuioris of proof Spirit duos two octarios pints ;*

*Macēra macerate per for quatuordēcim fourteen dies days, et and cola strain.*

## TINCTURA DIGITALIS.

## TINCTURE OF DIGITALIS.

Recipe take Foliōrum of Leaves Digitālis of the Foxglove exsiccatorum dried quatuor four uncias ounces ; Spiritūs tenuioris of proof Spirit duos two octarios pints ;

Macera macerate per for quatuordēcim fourteen dies days, et and cola strain.

## TINCTURA GENTIANÆ COMPOSITA.

## COMPOUND TINCTURE OF GENTIAN.

Recipe take Radicis of the Root Gentianæ of Gentian concisæ sliced duas two uncias ounces ; Corticis of the Peel Aurantii of Orange exsiccāti dried unciam an ounce ; Seminum of Seeds Cardamomi of Cardamom contusorum bruised dimidiam half unciam an ounce ; Spiritūs tenuioris of proof Spirit duos two octarios pints ;

Macera macerate per for quatuordēcim fourteen dies days leni calore with a gentle heat, et and cola strain.

## TINCTURA GUAIACI.

## TINCTURE OF GUAIACUM.

Recipe take Gummi-resinæ of the Gum-resin Guaiaci of Guaiacum contritæ powdered libram dimidiam half a pound ; Spiritūs rectificāti of rectified Spirit octarios duos two pints ;

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

### TINCTŪRA GUAIĂCI AMMONIĀTA.

#### AMMONIATED TINCTURE OF GUALIACUM.

*Reciĭpe take Gummi-resinæ of the Gum-resin Guaiăci of Gualicum contritæ powdered uncias quatŭor four ounces; Spiritŭs aromatici of aromatic Spirit Ammonię of Ammonia octariŭm a pint cum with semisse half (a pint);*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

### TINCTŪRA HELLEBÖRI NIGRI.

#### TINCTURE OF BLACK HELLEBORE.

*Reciĭpe take Radicis of Root Helleböri nigri of black Hellebore concisæ sliced quatŭor four uncias ounces; Spiritŭs tenuioris of proof Spirit duos two octarios pints;*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

### TINCTŪRA HUMŪLI.

#### TINCTURE OF HOP.

*Reciĭpe take Strobilŭrum\* of the Strobiles Humŭli of the Hop quinque five uncias ounces; Spiritŭs tenuioris of proof Spirit duos two octarios pints;*

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\* See Note page 105.

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

## TINCTŪRA HYOSCYĂMI.

## TINCTURE OF HENBANE.

*Recipe take Foliōrum of Leaves Hyoscyămi of Henbane exsiccatorum dried quatŭor four uncias ounces ; Spiritŭs tenuioris of proof Spirit duos two octariōs pints ;*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

## TINCTŪRA JALĂPÆ.

## TINCTURE OF JALAP.

*Recipe take Radicis of the Root Jalăpæ of Jalap contritæ powdered octo eight uncias ounces ; Spiritŭs tenuioris of proof Spirit duos two octariōs pints ;*

*Macëra macerate per for quatuordëcim fourteen dies days, leni calōre with a gentle heat, et and cola strain.*

## TINCTŪRA KINO.

## TINCTURE OF KINO.

*Recipe take Kīno of Kino contriti powdered tres three uncias ounces ; Spiritŭs tenuioris of proof Spirit duos two octariōs pints ;*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*



## TINCTŪRA LYTTÆ.

## TINCTURE OF LYTTA.

Recīpe take Lyttæ of Lytta contūsæ bruised tres three drachmas drams ; Spiritûs tenuioris of proof Spirit duos two octariōs pints ;

Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.

## TINCTŪRÆ MYRRHÆ.

## TINCTURE OF MYRRH.

Recīpe take Myrrhæ of Myrrh contūsæ bruised quatûor four uncias ounces ; Spiritûs rectificati of rectified Spirit duos two octariōs pints ; Aquæ of Water octarium a pint ;

Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.

## TINCTURA OPĪI.

## TINCTURE OF OPIUM.

Recīpe take Opīi duri of hard Opium contrīti powdered duas two uncias ounces cum with semisse half (an oz.) ; Spiritûs tenuioris of proof Spirit duos two octariōs pints ;

Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.

## TINCTŪRA RHĒI.

## TINCTURE OF RHUBARB.

Recīpe take Radīcis of the Root Rhēi of Rhubarb concīsæ sliced duas two uncias ounces ; Semīnum of Seeds Cardamōmi of Cardamom contūsōrum bruised dimidiām half unciam an ounce ; Stigmātum of the Stigmata Croci of Saffron duas two drachmas drams ; Spiritūs tenuioris of proof Spirit duos two octarios pints ;

Macēra macerate per for quatuordēcim fourteen dies days leni calōre with a gentle heat, et and cola strain.

## TINCTŪRA RHĒI COMPOSITA.

## COMPOUND TINCTURE OF RHUBARB.

Recīpe take Radīcis of the Root Rhēi of Rhubarb concīsæ sliced uncias duas two ounces ; Radīcis of Root Glycyrrhizæ of Liquorice contūsæ bruised unciam dimidiām half an ounce ; Radīcis of Root Zingibēris of Ginger concīsæ sliced, Stigmātum of the Stigmata Croci of Saffron, singulōrum of each duas two drachmas drams ; Spiritūs tenuioris of proof Spirit octarium a pint ; Aquæ of Water duodēcim twelve fluid-uncias fluid ounces ;

Macēra macerate per for dies quatuordēcim fourteen days leni calōre with a gentle heat, et and cola strain.

## TINCTURÆ SCILLÆ.

## TINCTURE OF SQUILL.

Recipe take Radicis of Root Scillæ of Squill recens newly exsiccātæ dried quatuor four uncias ounces ; Spiritûs tenuioris of proof Spirit duas two octarios pints ;

Macëra macerate per for dies quatuordëcim fourteen days, et and cola strain.

## TINCTURA SENNÆ.

## TINCTURE OF SENNA.

Recipe take Foliörum of Leaves Sennæ of Senna uncias tres three ounces ; Seminum of Seeds Carui of Carraway contüsörum bruised drachmas tres three drams ; Seminum of Seeds Cardamomi of Cardamom contüsörum bruised drachmam a dram ; Uvărurum passărurum of dried Grapes [Raisins], acinis the stones demtis being taken out, uncias quatuor four ounces ; Spiritûs tenuioris of proof Spirit octarios duos, two pints ;

Macëra macerate per for quatuordëcim fourteen dies days leni calöre with a gentle heat, et and cola strain.

## TINCTURA SERPENTARIÆ.

## TINCTURE OF SERPENTARY.

Recipe take Radicis of the Root Serpentariæ of Serpentry uncias tres three ounces ; Spiritûs

*tenuioris of proof Spirit octarios duos two pints ;*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

### TINCTŪRA VALERIĀNÆ.

#### TINCTURE OF VALERIAN.

*Recipe take Radicis of the Root Valeriānæ of Valerian uncias quatŭor four ounces, Spiritŭs tenuioris of Proof Spirit octarios duos two pints ;*

*Macëra macerate per for quatuordëcim fourteen dies days, et and cola strain.*

### TINCTŪRA VALERIĀNÆ AMMONIĀTA.

#### AMMONIATED TINCTURE OF VALERIAN.

*Recipe take Radicis of the Root Valeriānæ of Valerian uncias quatŭor four ounces ; Spiritŭs aromatici of aromatic Spirit Ammoniæ of Ammonia octarios duos two pints ;*

*Macëra macerate per for dies quatuordëcim fourteen days, et and cola strain.*

### TINCTŪRA ZINGIBĒRIS.

#### TINCTURE OF GINGER.

*Recipe take Radicis of the Root Zingibëris of Ginger concisæ sliced uncias duas two ounces ;*

*Spirītūs tenuioris of proof Spirit octarios duos two pints ;*

*Macēra macerate per for quatuordēcim fourteen dies days, et and cola strain.*

## ÆTHERĒA.

### PREPARATIONS OF ÆTHER.

#### ÆTHER SULPHURĪCUS.

##### SULPHURIC ÆTHER.

*Recīpe take Spirītūs rectificāti of rectified Spirit, Acīdi sulphurīci (and) of sulphuric Acid, singulōrum of each pondēre by weight libram a pound cum with semisse half (a pound) ;*

*Infunde pour Spirītum the Spirit retortæ vitræ to a glass retort, que and adjice add Acīdum the Acid ei to it paulātim gradually, sæpiūs frequently agītans shaking (it), et and cavens taking care ne lest calor the heat excedat should exceed centesīmum the hundred vigesīmum (and) twentieth gradum degree, donec until miscēantur they are mixed. Dein then impōne place (them) cautè cautiously in arēnam in sand, priūs first calefactam heated ad to ducentesīmum the two hundredth gradum degree, ut that liquor the liquor ebulliāt may boil quàm celerrimè as quickly as possible, que and Æther the Æther transēat pass over in tubulātum into a tubulated receptaculum receiver, cui to which recipiens a receiving vas vessel est is aptā-*

tum *fitted*, refrigerātum *cooled* glaciē *with ice* vel or aquā *water*. Distillet liquor *let the liquor distil*, donec until aliqua *some* gravior *heavier* pars *part* incipiat *shall begin* transire *to pass over*, quæ *which* conspicitur *is seen* sub *under* Æthère *the Æther* in fundo *at the bottom* receptaculi *of the receiver*. Liquori *to the liquor* qui *which* restat *remains* in retortâ *in the retort* rursus *again* affunde *pour* duodēcim *twelve* uncias *ounces* Spiritūs *Spirit* rectificati *of rectified* Spirit, ut *that* Æther *the Æther* distillet *may distil* simili modo *in a similar manner*.\*

### ÆTHER RECTIFICATUS.

#### RECTIFIED ÆTHER.

Recipe *take* quatuordēcim *fourteen* fluiduncias *fluid ounces* Æthēris *of sulphuric* sulphurici *Æther*; dimidiā *half* unciam *an ounce* Potassæ *Potassæ* fusæ *of fused* Potass; duas *two* fluiduncias *fluid ounces* Aquæ *distillatæ* distillatæ *of distilled Water*;

Primum *first* liqua *dissolve* Potassam *the Potass* in Aquâ *in the Water*, que *and* adjice *add* Æthērem *the Æther* ei *to it*, agitans *shaking* assidue *assiduously*, donec until miscēantur *they are mixed*; denique *lastly*, calore *with a heat* circiter *of about* centesimi *the hundred* vigesimi *and twentieth* gradus *degree*, distillent *let there distil* ex retortâ *from a large retort* in into vas refrigerātum *a cooled vessel* fluidunciæ *twelve* fluid ounces Æthēris *of rectified* rectificati *Æther*.

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\* See the remarks in the Preface respecting Æther, and Preparations of Æther.

## OLĒUM ÆTHERĒUM.

Post *after* distillatiōnem *the distillation* Æthēris sulphurici *of sulphuric Æther*, lenīto calōre *the heat being decreased*, distillet liquor *let the liquor distil itērum again*, donec *until* spūma nigra *a black froth* intamescat *swells up*; tum *then* protinus *immediately* remōve *remove* retōrtam *the retort* ab igne *from the fire*. Liquōri *to the liquor* qui *which* restat *remains in* retortā *in the retort*, adjice *add* aquam *water*, ut *that* pars oleosa *the oily part* supernātet *may swim*. Aufer *take off* hanc *this*, que *and* admisce *mix* ei *to it* quantum *as much as* sit *may be* satis *suffi-*  
*cient* Liquōris *of Water* Calcis *of Lime* [*Lime-*  
*water*] ad saturandum *to saturate* Acidum *the*  
*Acid* quod *which* inest *is present*, et *and* agita  
*shake (them)* simul *together*. Denique *lastly*,  
 exīme *take off* separātum *the separated* ætherēum  
 ethereal olēum *oil*.

## SPIRĪTUS ÆTHĒRIS AROMATICUS.

## AROMATIC SPIRIT OF ÆTHER.

Recipe *take* drachmas tres *three drams* Corticis  
*of Bark* Cinnamōmi *of Cinnamon* contūsi  
*bruised*; drachmam *a dram* cum *with* semisse  
*half (a dram)* Semīnum *of Seeds* Cardamōni  
*of Cardamom* contritōrum *powdered*; Fructūs *of*  
*Fruit* Pipēris longi *of long* Pepper contrīti *pow-*  
*dered*, Radicis *of Root* Zingibēris *of Ginger*  
 concīsæ *sliced*, singulōrum *of each* drachmam *a*  
*dram*; Spiritūs *of Spirit* Æthēris sulphurici *of*  
*sulphuric Æther* octarium *a pint*;



*Macera macerate per for quatuordēcim fourteen dies days in vase vitrēo in a glass vessel obturāto stopped, et and cola strain.*

### SPIRĪTUS ÆTHĒRIS NITRĪCI.

#### NITRIC SPIRIT OF ÆTHER.

*Recipe take Spiritūs rectificāti of rectified Spirit octarios duos two pints ; Acīdi nītrici of nitric Acid pondere by weight uncias tres three ounces ;*

*Adjice add Acidum the Acid Spiritūi to the Spirit paulātim gradually, et and misce mix, cavens taking care ne lest calor the heat excedat should exceed centesimum the hundred (and) vigesimum twentieth gradum degree ; tum then leni calōre with a gentle heat distillent let distil viginti quatuor twenty-four fluidunciae fluid ounces.*

### SPIRĪTUS ÆTHĒRIS SULPHURICI.

#### SPIRIT OF SULPHURIC ÆTHER.

*Recipe take Æthēris rectificāti of rectified Æther octarium dimidium half a pint ; Spiritūs rectificāti of rectified Spirit octarium a pint ;*

*Misce mix.*

### SPIRĪTUS ÆTHĒRIS SULPHURICI COMPOSITUS.

#### COMPOUND SPIRIT OF SULPHURIC ÆTHER.

*Recipe take Spiritūs of Spirit Æthēris sulphurici of sulphuric Æther octarium a pint ; Olēi*

*Ætherēi of Æthereal Oil fluidrachmas duas two fluid drams ;*

*Misce mix.*

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## VINA.

## WINES.

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### VINUM ALÖËS.

### WINE OF ALOES.

*Recipe take Extracti of Extract Alöës spicātæ of spiked Aloes uncias octo eight ounces ; Corticis of Bark Canellæ of Canella uncias duas two ounces ; Vini of Wine octarios sex six pints ; Spiritûs tenuioris of proof Spirit octarios duos two pints ;*

*Tere rub Alöën the Aloe in pulvërem into a powder cum with arênâ albâ white sand, purgâtâ cleansed sordibus from impurities ; etiam also tere rub Corticem the Bark Canellæ of Canella in pulvërem into a powder ; que and his to these mistis mixed inter among se themselves [i. e. together], affunde pour Vinum the Wine et and Spiritum the Spirit. Macëra macerate per for quatuordëcim fourteen dies days subinde frequently movens shaking, et and cola strain.*

## VINUM IPECACŪANHÆ.

## WINE OF IPECACUANHA.

Reciġe take Radīcis of Root Ipecacūanhæ of  
*Ipecacuanha* contūsæ bruised uncias duas two  
 ounces ; Vini of Wine octarios duos two pints ;

Macġera macerate per for quatuordġcim fourteen  
 dies days, et and cola strain.

## VINUM OPII.

## WINE OF OPIUM.

Reciġe take Extracti of Extract Opii of Opium  
 unciam an ounce ; Corticis of Bark Cinnamōmi  
 of Cinnamon contūsi bruised, Caryophyllōrum  
 of Cloves contusōrum bruised, singulōrum of  
 each drachmam a dram ; Vini of Wine octarium  
 a pint ;

Macġera macerate per for dies octo eight days,  
 et and cola strain.

## VINUM VERĀTRI.

## WINE OF (WHITE) HELLEBORE

Reciġe take Radīcis of Root Verātri of white  
*Hellebore* concīsæ sliced uncias octo eight  
 ounces ; Vini of Wine octarios duos two pints,  
 cum with semisse half (a pint) ;

Macġera macerate per for dies quatuordġcim  
 fourteen days, et and cola strain.

## ACETICÆ.

## PREPARATIONS OF VINEGAR.

## ACĒTUM COLCHICI.

## VINEGAR OF MEADOW SAFFRON.

Recipe take Radicis recentis of fresh Root Colchici of Colchicum concisæ sliced unciam an ounce ; Acidi acetici of acetic Acid octarium a pint ; Spiritûs tenuioris of proof Spirit fluidunciam a fluid ounce ;

Macera macerate Radicem the Root Colchici of Colchicum cum with Aceto the Acid in vase vitreo in a glass vessel clauso closed, per for viginti quatuor twenty-four horas hours ; dein then exprime express et and sepone set aside, ut that fæces the dregs subsident may subside ; denique lastly, liquori to the liquor defæcâto strained adjice add Spiritum the Spirit.

## ACETUM SCILLÆ.

## VINEGAR OF SQUILL.

Recipe take Radicis of Root Scillæ of Squill recens fresh exsiccatae dried libram a pound ; Acidi acetici of acetic Acid octarios sex six pints ; Spiritûs tenuioris of proof Spirit octarium dimidium half a pint ;

Macera macerate Radicem the Root Scillæ of Squill cum with Aceto the Acid, leni calore with

*a gentle heat, in vase vitrēo in a glass vessel clauso closed per for viginti quatūor twenty-four horas hours ; dein then exprime express, et and sepōne set aside ut that fæces the dregs subsīdant may subside ; denīque lastly, liquōri defæcātō to the cleared liquor adjice add Spiritum the Spirit.*

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## MELLĪTA.

## PREPARATIONS OF HONEY.

## MEL DESPUMATUM.

## CLARIFIED HONEY.

*Liqua dissolve Mel the Honey in balnēo aquōso in a water bath ; tum then aufer take off spūmam the scum.*

## MEL BORACIS.

## HONEY OF BORAX.

*Recīpe take Subborātis of Subborate Sodæ of Soda contrītæ powdered drachmam a dram ; Mellis of Honey despumāti clarified uncīam an ounce ;*

*Misce mix.*

## MEL ROSÆ.

## HONEY OF THE ROSE.

*Recīpe take Petalōrum of the Petals Rosæ Gallicæ of the French Rose [red rose] exsiccatorum*

*dried uncias quatŭor four ounces ; Aquæ fermentis of boiling Water octarios tres three pints ; Mellis of Honey despumāti clarified libras quinque five pounds ;*

*Macēra macerate Petāla the Petals Rosæ of the Rose in Aquā in the Water per for horas sex six hours ; deinde then adjice add Mel the Honey liquōri colāto to the strained liquor, et and balnĕo aquōso in a water bath decōque boil down ad to idōnĕam a proper crassitūdinem consistence.*

### OXYMEL SIMPLEX.

#### SIMPLE OXYMEL.

*Recipe take Mellis of Honey despumāti clarified libras duas two pounds ; Acīdi acetici of acetic Acid octarium a pint ;*

*Decōque boil down in vāse vitrĕo in a glass vessel, lento igne with a slow fire, ad to idōnĕam a proper crassitūdinem consistence.*

### OXYMEL SCILLÆ.

#### OXYMEL OF SQUILL.

*Recipe take Mellis of Honey despumāti clarified libras tres three pounds ; Acēti of Vinegar Scillæ of Squill octarios duos two pints ;*

*Decōque boil down in vāse vitrĕo in a glass vessel, lento igne with a slow fire, ad to idōnĕam a proper crassitūdinem consistence.*

## SYRŪPI.

## SYRUPS.

Syrūpi *Syrups* conserventur *should be kept in loco in a place ubi where calor the heat nunquam never excēdat exceeds quinquagesimum the fifty quintum fifth gradum degree.*

## SYRŪPUS ALTHÆÆ.

## SYRUP OF MARSHMALLOWS.

Recīpe take Radīcis recentis of fresh Root Althææ of Marshmallows contūsæ bruised libram dimidiā half a pound ; Sacchāri purificāti of purified Sugar libras duas two pounds ; Aquæ of Water octarios quatuor four pints ;

Decōque boil down Aquam the Water cum with Radice the Root ad to dimidium half, et and exprīme express liquōrem frigēfactum the cooled liquor. Sepōne set aside per for viginti quatuor twenty-four horas hours, ut that fæces the dregs subsīdant may subside ; tum then effunde pour off liquōrem the liquor, atque and, adjecto Sacchāro the Sugar being added, decōque boil down ad to idōneā crassitūdīnem a proper consistence.

## SYRŪPUS AURANTIŌRUM.

## SYRUP (OF THE PEEL) OF ORANGES.

Recīpe take Cortīcis recentis of fresh Peel AurantiŌrum of Oranges uncias duas two



*ounces ; Aquæ ferventis of boiling Water octarium a pint ; Sacchări purificāti of purified Sugar libras tres three pounds ;*

*Macëra macerate Corticem the Peel in Aquâ in the Water per for horas duodëcim twelve hours ; in vase in a vessel levitèr lightly clauso covered ; tum then effunde pour off liquorem the liquor, que and adjice add ei to it Sacchärum the Sugar.*

### SYRŪPUS CROCI.

#### SYRUP OF SAFFRON.

*Recipe take Stigmätum of Stigmata Croci of Saffron unciam an ounce ; Aquæ ferventis of boiling Water octarium a pint ; Sacchări purificāti of purified Sugar libras duas two pounds cum with semisse half (a pound) ;*

*Macëra macerate Stigmäta the Stigmata Croci of Saffron in Aquâ in the Water, per for horas duodëcim twelve hours, in vāse in a vessel levitèr lightly clauso covered ; dein then cola strain liquorem the liquor, et and adjice add Sacchärum the Sugar.*

### SYRŪPUS LIMŌNUM.

#### SYRUP OF LEMONS.

*Recipe take Succī of Juice Limōnum of Lemons colāti strained octarium a pint ; Sacchări purificāti of purified Sugar libras duas two pounds ;*

*Liquā dissolve Sacchārum the Sugar in Succo in the Juice Limōnum of Lemons eodem modo in the same manner quo in which præceptum est it is directed de concerning Syrūpo simplici simple Syrup.*

## SYRŪPUS MORI.

## SYRUP OF MULBERRY.

*Recipe take Succī of Juice Mori of Mulberry colāti strained octariū a pint ; Sacchāri purificāti of purified Sugar libras duas two pounds ;*

*Liqua dissolve Sacchārum the Sugar in Succo in the Juice Mori of Mulberry eodem modo in the same manner quo in which præceptum est it is directed de concerning Syrūpo simplici simple Syrup.*

## SYRŪPUS PAPAVERIS.

## SYRUP OF (WHITE) POPPY.

*Recipe take Capsulārum of Capsules Papaveris of (white) Poppy, exsiccātārum dried et and contusārum bruised, exemptis seminibus the seeds being taken away, uncias quatuordēcim fourteen ounces ; Sacchāri purificāti of purified Sugar libras duas two pounds ; Aquæ ferventis of boiling Water congios duos two gallons cum with semisse half (a gallon) ;*

*Macera macerate Capsūlas the Capsules in Aquā in the Water per for viginti quatuor twenty-*

*four horas hours ; tum then balnĕo aquōso in a water bath decōque boil down ad to congĭum a gallon, et and exprĭme express fortĭter strongly. Decōque. boil down Liquōrem colātum the strained Liquor ĭtĕrum again ad to octarĭos duos two pints, et and cola strain adhuc whilst ferventem hot. Sepōne set aside per for horas duodĕcim twelve hours, ut that fæces the dregs subsĭdant may subside ; tum then decōque boil down liquōrem defæcātum the clear liquor ad to octarĭum a pint, et and adjĭce add Sacchārum the Sugar eōdem modo in the same manner quo in which præceptum est it is ordered de concerning Syrūpo simplici simple Syrup.*

### SYRŪPUS RHAMNI.

#### SYRUP OF BUCKTHORN.

*Recĭpe take Succĭ recentis of the fresh Juice Baccārum of the Berries Rhamni of Buckthorn octarĭos quatŭor four pints ; Radicis of Root Zingibĕris of Ginger concĭsæ sliced, Baccārum of the Berries Pimentæ of Pimenta contritārum powdered, singulōrum of each uncĭam dimidĭam half an ounce ; Sacchāri purificāti of purified Sugar libras tres three pounds cum with semisse half (a pound) ;*

*Sepōne set aside Succum the Juice per for triĉdum three days, ut that fæces the dregs subsĭdant may subside, et and cola strain. Adjĭce add Radĭcem the Root Zingibĕris of Ginger et and Baccas the Berries Pimentæ of Pimenta octarĭo to a pint*

*Succi of the Juice defæcāti strained ; tum then macëra macerate leni calōre with a gentle heat per for horas quatūor four hours, et and cola strain ; quod that which est is rēliquum left decōque boil down ad to mensūram the measure octarīi of a pint cum with semisse half (a pint) ; misce mix liquōres the liquores ; et and adjice add Sacchārum the Sugar eōdem modo in the same manner quo in which præceptum est it is ordered de concerning Syrūpo simplici simple Syrup.*

## SYRŪPUS RHŒĀDOS.

## SYRUP OF THE RED POPPY.

*Recipe take Petalōrum recentium of fresh Petals Rhoeādos of the red Poppy libram a pound ; Aquæ ferventis of boiling Water octariūm a pint, cum with fluidunciis duābus two fluid ounces ; Sacchāri purificāti of purified Sugar libras duas two pounds cum with semisse half (a pound) ;*

*Adjice add Petāla the Petals Rhoeādos of the red Poppy paulātim gradually Aquæ to the Water, calefactæ heated balnēo aquōso in a water bath, movens stirring subinde frequently ; tum then, vase the vessel remōto being removed, macëra macerate per for horas duodēcim twelve hours ; dein then exprime express liquōrem the liquor, et and sepōne set aside, ut that fæces the dregs subsīdant may subside ; denique lastly, adjice add Sacchārum the Sugar, eōdem modo in the same manner quo in which est it is præceptum or-*

dered de concerning Syrūpo simplici simple Syrup.

SYRŪPUS ROSÆ.

SYRUP OF ROSES.

Recipe take Petalōrum of the Petals Rosæ centifolæ \* of the Damask Rose exsiccatōrum dried uncias septem seven ounces ; Sacchāri purificāti of purified Sugar libras sex six pounds ; Aquæ ferventis of boiling Water octarios quatuor four pints ;

Macēra macerate Petāla the Petals Rosæ of the Rose in Aquā in the Water per for horas duodēcim twelve hours, et and cola strain. Consūme evaporate liquōrem colātum the strained liquor balnēo aquōso in a water bath ad to octarios duos two pints cum with semisse half (a pint) ; dein then adjice add Sacchārum the Sugar, eodem modo in the same manner quo in which est it is præceptum ordered de concerning Syrūpo simplici simple Syrup.

SYRŪPUS SENNÆ.

SYRUP OF SENNA.

Recipe take Foliōrum of Leaves Sennæ of Senna uncias duas two ounces ; Semīnum of Seeds Fœnicūli of Fennel contusōrum bruised unciam an ounce ; Mannæ of Manna uncias tres three ounces ; Sacchāri purificāti of purified Sugar

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\* Centifolæ, hundred or many-leaved.

*libram a pound ; Aquæ ferventis of boiling Water octarium a pint ;*

*Macëra macerate Folia the Leaves Sennæ of Senna et and Semina the Seeds Fœnicûli of Fennel in Aquâ in the Water, leni calōre with a gentle heat, per for horam an hour. Cola strain liquōrem the liquor, et and misce mix cum with hoc this Mannam the Manna et. and Sacchārum the Sugar ; dein then decōque boil down ad to idoneam crassitudinem a proper consistence.*

### SYRŪPUS SIMPLEX.

#### SIMPLE SYRUP.

*Recipe take Sacchāri purificāti of purified Sugar libras duas two pounds cum with semisse half (a pound) ; Aquæ of Water octarium a pint ;*

*Liqua dissolve Sacchārum the Sugar in aquâ in the water balnëo aquōso in a water bath ; tum then sepōne set aside per for viginti quatūor twenty-four horas ~~horas~~ ; dein then aufer take off spumam the froth, et and effunde pour off liquōrem purum the pure liquor à from fæcibus the dregs, si if sint there be quæ any.*

### SYRŪPUS TOLUTĀNUS.

#### SYRUP OF TOLU.

*Recipe take Balsāmi of the Balsam Tolutāni of Tolu unciam an ounce ; Aquæ ferventis of boiling Water octarium a pint ; Sacchāri*

purificāti of purified Sugar libras duas two pounds ;

Coque boil Balsāmum the Balsam in Aquâ in the Water per for horam dimidiā half an hour in vase clauso in a covered vessel, movens stirring subinde frequently, et and cola strain liquōrem refrigerātum the cooled liquor ; dein then adjice add Sacchārum the Sugar, eōdem modo in the same manner quo in which est it is præceptum ordered de concerning Syrūpo simplici simple Syrup.

### SYRŪPUS ZINGIBĒRIS.

#### SYRUP OF GINGER.

Recipe take Radicis of the Root Zingibĕris of Ginger concisæ sliced uncias duas two ounces ; Aquæ ferventis of boiling Water octariū a pint ; Sacchāri purificāti of purified Sugar libras duas two pounds ;

Macera macerate Radicem the Root Zingibĕris of Ginger in Aquâ in the Water per for horas quatuor four hours, et and cola strain ; dein then adjice add Sacchārum the Sugar, eōdem modo in the same manner quo in which præceptum est it is ordered de concerning Syrūpo simplici simple Syrup.



## CONFECTIONES.

## CONFECTIONS.

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*Si if Confectiones Confections, servatæ kept diu long, indurescant should grow hard, sunt they are humectandæ to be moistened Aquâ with Water, ut that idonæa crassitudo a proper consistence restituatur may be restored.*

## CONFECTIO AMYGDALARUM.

## CONFECTION OF ALMONDS.

*Recipe take Amygdalarum dulcium of sweet Almonds unciam an ounce ; Acaciæ Gummi of Gum Acacia contriti powdered drachmam a dram ; Sacchari purificati of purified Sugar unciam dimidiam half an ounce ;*

*Amygdalis the Almonds prius first maceratis being macerated in Aquâ in the Water, que and pelliculis the pellicles [or outer skins] demptis taken away, contunde bruise omnia the whole simul together, donec until sit there be corpus unum one body [i. e. until they become incorporated.]*

## CONFECTIO AROMATICA.

## AROMATIC CONFECTION.

*Recipe take Corticis of Bark Cinnamomi of Cinnamon, (and) Myristicæ Nucleorum of Nutmegs,*

singulōrum of each uncias duas two ounces ; Caryophyllōrum of Cloves unciam an ounce ; Seminum of Seeds Cardamōmi of Cardamom unciam dimidiā half an ounce ; Stigmātum of the Stigmata Croci of Saffron exsiccatorum dried uncias duas two ounces ; Testarum of Shells præparatarum prepared uncias sedecim sixteen ounces ; Sacchāri purificāti of purified Sugar contriti powdered libras duas two pounds ; Aquæ of Water octarium a pint ;

Tere rub arida the dried [ingredients] simul together in into pulvĕrem subtilissimum a very fine powder ; tum then adjice add Aquam the Water paulātim gradually, et and misce mix donec until sit there be corpus unum one body [i. e. until they become incorporated.]

## CONFECTIO AURANTIŌRUM.

### CONFECTION OF ORANGES.

Recipe take recentis of fresh Corticis exteriōris outer rind Aurantiōrum of Oranges, separāti separated radūlā with a grater [i. e. grated] libram a pound ; Sacchāri purificāti of purified Sugar libras tres three pounds ;

Contunde bruise Corticem the Peel, in mortārio lapidĕo in a stone mortar, pistillo lignĕo with a wooden pestle ; tum then, adjecto Sacchāro the Sugar being added, contunde bruise itĕrum again, donec until sit there be corpus unum one body [i. e. until they become incorporated.]

## CONFECTIO CASSIÆ.

## CONFECTION OF CASSIA.

Recipe take Pulpæ recentis of the fresh Pulp Cassiæ of Cassia libram dimidiâ half a pound ; Mannæ of Manna uncias duas two ounces ; Pulpæ of the Pulp Tamarindi of the Tamarind unciam an ounce ; Syrûpi of Syrup Rosæ of the Rose octarium dimidiû half a pint ;

Contunde bruise Mannam the Manna ; tum then, balnĕo aquōso with a water bath, liqua dissolve (it) in Syrûpo in the Syrup ; deinde then admisce mix therewith pulpas the pulps, et and consûme evaporate humōrem the moisture, donec until idonea crassitûdo a proper consistence fiat be formed.

## CONFECTIO OPÏI.

## CONFECTION OF OPIUM.

Recipe take Opïi duri of hard Opium contriti powdered drachmas sex six drams ; Fructûs of the Fruit Pipëris longi of long Pepper unciam an ounce ; Radicis of Root Zingibëris of Ginger uncias duas two ounces ; Seminum of Seeds Carûi of Carraway uncias tres three ounces ; Syrûpi of Syrup octarium a pint ;

Contĕre rub Opïum the Opium cum with Syrûpo calefacto the heated Syrup ; tum then adjice add cætĕra the other (ingredients) contrita powdered, et and misce mix.

## CONFECTIO ROSÆ CANINÆ.

## CONFECTION OF THE DOG ROSE.

Recipe take Pulpæ of the Pulp Rosæ caninæ of the dog Rose libram a pound ; Sacchāri purificāti of purified Sugar contrīti powdered uncias viginti twenty ounces ;

Expōne expose Pulpam the Pulp in balnĕo aquōso in a water bath, leni calōre in a gentle heat ; tum then adjice add Sacchārum the Sugar paulātim gradually, et and tere rub simul together donec until sit there be corpus unum one body [i. e. until they become incorporated.]

## CONFECTIO ROSÆ GALLICÆ.\*

## CONFECTION OF THE RED ROSE.

Recipe take Petalōrum of the Petals Rosæ Gallicæ of the red Rose nondum not yet explicatōrum unfolded, abjectis unguibus the claws being rejected, libram a pound ; Sacchāri purificāti of purified Sugar libras tres three pounds ;

Contunde bruise Petāla the Petals in mortārio lapidĕo in a stone mortar ; tum then, adjecto Sacchāro the Sugar being added, contunde bruise (them) itĕrum again donec until sit there be corpus unum one body [i. e. until they become incorporated.]

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\* Rosa Gallica, French Rose.

## CONFECTIO RUTÆ.

## CONFECTION OF RUE.

Recipe take Foliōrum of the Leaves Rutæ of Rue exsiccatorum dried, Semīnum of Seeds Carui of Carraway, Baccārum of the Berries Lauri of Bay, singulōrum of each unciam an ounce cum with semisse half (an ounce) ; Sagapēni of Sagapenum unciam dimidiā half an ounce ; Fructūs of the Fruit Pipēris nigri of black Pepper drachmas duas two drams ; Mellis of Honey despumāti clarified uncias sedecim sixteen ounces ;

Tere rub arida the dry (ingredients) simul together in into pulvērem subtilissimum a very fine powder ; tum then, adjecto Melle the Honey being added, misce mix omnia all (together.)

## CONFECTIO SCAMMONÆÆ.

## CONFECTION OF SCAMMONY.

Recipe take Gummi-resinæ of the Gum-resin Scammonææ of Scammony contritæ powdered unciam an ounce cum with semisse half (an ounce) ; Caryophyllōrum of Cloves contusōrum bruised, Radicis of the Root Zingibēris of Ginger contritæ powdered, singulōrum of each drachmas sex six drams ; Olēi of Oil Carui of Carraway fluidrachmam dimidiā half a fluid dram ; Syrūpi of Syrup Rosæ of the Rose quantum as much as sit may be satis sufficient ;

*Tere rub arida the dry (ingredients) simul together in into pulvĕrem subtilissimum a very fine powder ; tum then, instillāto Syrūpo the Syrup being dropped in, tere rub (them) rursus again ; dein afterwards, Olĕo the Oil Carūi of Carraway adjecto being added, misce mix omnia the whole (together).*

### CONFECTIO SENNÆ.

#### CONFECTION OF SENNA.

*Recipe take Foliōrum of Leaves Sennæ of Senna uncias octo eight ounces ; Fructūs of the Fruit Caricæ of Figs libram a pound ; Pulpæ of the Pulp Tamārindi of the Tamarind, Pulpæ of the Pulp Cassiæ of Cassia, Pulpæ of the Pulp Prunōrum of Prunes, singulōrum of each libram dimidiā half a pound ; Semīnum of Seeds Coriandri of Coriander uncias quatuor four ounces ; Radicis of the Root Glycyrrhizæ of Liquorice uncias tres three ounces ; Sacchāri purificāti of purified Sugar libras duas two pounds cum with semisse half (a pound) ;*

*Tere rub Folia the Leaves Sennæ of Senna cum with Seminibus the Seeds Coriandri of Coriander, et and sepāra separate uncias decem ten ounces pulvĕris misti of the mixed powder cribro with a sieve. Decōque boil down residuum the residue cum with Fructū the Fruit Caricæ of Figs et and Radice the Root Glycyrrhizæ of Liquorice ex from octariis quatuor four pints Aquæ of Water ad to dimidiū one half ; deinde then exprime express, et and cola strain. Consūme evaporate Liquōrem*

colatum the strained Liquor balnĕo aquōso in a water bath donec until octariŭs a pint cum with semisse half (a pint) restet remains ex from toto the whole; tum then, adjecto Sacchāro the Sugar being added, fiat Syrŭpus let a Syrup be made. Denique lastly, contĕre rub Pulpas the Pulps cum with Syrŭpo the Syrup paulātim gradually, et and, pulvĕre cribrāto the sieved powder injecto being thrown in, misce mix omnia the whole (together).

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## PULVĚRES.

## POWDERS.

## PULVIS ALŎĚS COMPOSITUS.

## COMPOUND POWDER OF ALOES.

Recipe take Extracti of Extract Alŏĕs spicātæ of spiked Aloes uncĭam an ounce cum with semisse half (an oz.) ; Gummi-resĭnæ of Gum-resin Guaiāci of Guaiacum uncĭam an ounce ; Pulvĕris compositi of the compound Powder Cĭnnamŏmi of Cinnamon uncĭam dimidiām half an ounce ;

Tere rub Extractum the Extract Alŏĕs of Aloes et and Gummi-resĭnam the Gum-resin Guaiāci of Guaiacum separātim separately in pulvĕrem into a powder ; dein then misce mix (them) cum with Pulvĕre composito the compound Powder Cĭnnamŏmi of Cinnamon.



## PULVIS CINNAMŌMI COMPOSITUS.

## COMPOUND POWDER OF CINNAMON.

Recipe take Corticis of the Bark Cinnamōmi of Cinnamon uncias duas two ounces ; Seminum of the Seeds Cardamōmi of Cardamom unciam an ounce cum with semisse half (an oz.) ; Radicis of Root Zingibēris of Ginger unciam an ounce ; Fructūs of the Fruit Pipēris longi of long Pepper unciam dimidiā half an ounce ;

Tere rub (them) simul together, ut that pulvis subtilissimus a very fine powder fiat may be made.

## PULVIS CONTRAJERVÆ COMPOSITUS.

## COMPOUND POWDER OF CONTRAJERVA.

Recipe take Radicis of the Root Contrajervæ of Contrajerva contrītæ powdered uncias quinque five ounces ; Testārum præparatārum of prepared Shells libram a pound cum with semisse half (a pound) ;

Misce mix.

## PULVIS CORNU USTI CUM OPIŌ.

POWDER OF BURNT (HARTS') HORN  
WITH OPIUM.

Recipe take Opīi duri of hard Opium contrīti powdered drachmam a dram ; Cornūm of (Harts')

*horns ustōrum burnt et and præparatōrum prepared unciām an ounce ; Cocci of Cochineal contrīti powdered drachmam a dram ;*

*Misce mix.*

### PULVIS CRETÆ COMPOSITUS.

#### COMPOUND POWDER OF CHALK.

*Recipe take Cretæ præparātæ of prepared Chalk libram dimidiām half a pound ; Corticis of Bark Cinnamōmi of Cinnamon unciās quatūor four ounces ; Radicis of the Root Tormentillæ of Tormentil, Gummi of the Gum Acaciæ of Acacia, singulōrum of each unciās tres three ounces ; Fructūs of the Fruit Pipēris longi of long Pepper unciām dimidiām half an ounce ;*

*Tere rub (them) separātim separately in into pulvĕrem subtilissimum a very fine powder ; dein then misce mix.*

### PULVIS CRETÆ COMPOSITUS CUM OPIO.

#### COMPOUND POWDER OF CHALK WITH OPIUM.

*Recipe take Pulvĕris compositi of compound Powder Cretæ of Chalk unciās sex six ounces cum with semisse half (an oz.) ; Opīi duri of hard Opium contrīti powdered scrupulos quatūor four scruples ;*

*Misce mix.*

## PULVIS IPECACUANHÆ COMPOSITUS.

## COMPOUND POWDER OF IPECACUANHA.

Recipe take Radicis of Root Ipecacuanhæ of Ipecacuanha contrītæ powdered, Opīi duri of hard Opium contrīti powdered, singulōrum of each drachmam a dram ; Sulphātis of Sulphate Potassæ of Potass contrītæ powdered unciam an ounce ;

Misce mix.

## PULVIS KINO COMPOSITUS.

## COMPOUND POWDER OF KINO.

Recipe take drachmas quindēcim fifteen drams Kino of Kino ; Corticis of the Bark Cinnamōmi of Cinnamon unciam dimidiām half an ounce ; Opīi duri of hard Opium drachmam a dram ;

Tere rub (them) separātīm separately in into pulvĕrem subtilissimum a very fine powder, dein then misce mix.

## PULVIS SCAMMONĚÆ COMPOSITUS.

## COMPOUND POWDER OF SCAMMONY.

Recipe take Gummi-resinæ of Gum-resin Scammonĕæ of Scammony, Extracti duri of hard Extract Jalāpæ of Jalap, singulōrum of each uncias duas two ounces ; Radicis of Root

*Zingibĕris of Ginger unċiam dimidiām half an ounce ;*

*Tere rub (them) separātīm separately in into pulvĕrem subtilissimum a very fine powder, dein then misce mix.*

### PULVIS SENNÆ COMPOSITUS.

#### COMPOUND POWDER OF SENNA.

*Recĭpe take Foliōrum of Leaves Sennæ of Senna, Supertartrātis of Supertartrate Potassæ of Potass, singulōrum of each unċias duas two ounces ; Gummi-resinæ of Gum-resin Scammonĕæ of Scammony unċiam dimidiām half an ounce ; Radĭcis of Root Zingibĕris of Ginger drachmas duas two drams ;*

*Tere rub Gummi-resinam the Gum-resin Scammonĕæ of Scammony per by se itself, cætĕra the others simul together, in into pulvĕrem subtilissimum a very fine powder, tum then misce mix.*

### PULVIS TRAGACANTHÆ COMPOSITUS.

#### COMPOUND POWDER OF TRAGACANTH.

*Recĭpe take Tragacanthæ of Tragacanth contrītæ powdered, Gummi of the Gum Acaciæ of Acacia contrĭti powdered, Amyli of Starch, singulōrum of each unċiam an ounce cum with semisse half (an oz.) ; Sacchāri purificāti of purified Sugar unċias tres three ounces ;*

*Tere rub Amylum the Starch et and Sacchārum the Sugar simul together in pulvĕrem into a powder ; tum then, Tragacanthâ the Tragacanth et and Gummi the Gum Acaciæ of Acacia adjectis being added, misce mix omnia all (together).*

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## PILŮLÆ.

### PILLS.

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#### PILŮLÆ ALŮËS COMPOSITÆ.

##### COMPOUND PILLS OF ALOES.

*Recipe take Extracti of Extract AlŮës spicātæ of spiked Aloes contrīti powdered unċiam an ounce ; Extracti of the Extract Gentiānæ of Gentian unċiam dimidiām half an ounce ; Olĕi of the Oil Carui of Carraway minīma quadraginta forty minims ; Syrūpi simplicis of simple Syrup quantum as much as sit may be satis sufficient ;*

*Contunde bruise (them) simul together donec until sit there be corpus unum one body [i. e. until they become incorporated].*

#### PILŮLÆ ALŮËS CUM MYRRHA.

##### PILLS OF ALOES WITH MYRRH.

*Recipe take Extracti of Extract AlŮës spicātæ of spiked Aloes unċias duas two ounces ; Stigmātum*

*of Stigmata Croci of Saffron, Myrrhæ of Myrrh, singulōrum of each uncīam an ounce; Syrūpi simplicis of simple Syrup quantum as much as sit may be satis sufficient;*

*Tere rub Extractum the Extract Alōēs of Aloes et and Myrrham the Myrrh separātim separately in into pulvĕrem a powder; tum then contunde pound omnia all simul together, donec until sit there be corpus unum one body [i. e. until they become incorporated].*

### PILŪLÆ CAMBOGIÆ COMPOSITÆ.

#### COMPOUND PILLS OF CAMBOGE.

*Recipe take Cambogiæ of Camboge contritæ powdered, Extracti of Extract Alōēs spicātæ of spiked Aloes contriti powdered, Pulvĕris compoſiti of the compound Powder Cinnamōmi of Cinnamon, singulōrum of each drachmam a dram; Sapōnis of Soap drachmas duas two drams;*

*Misce mix Pulvĕres the Powders inter amongst se themselves (i. e. together); dein then, adjecto Sapōne the Soap being added, contunde pound omnia all simul together donec until sit there be corpus unum one body [i. e. until they become incorporated].*

### PILŪLÆ FERRI COMPOSITÆ.

#### COMPOUND PILLS OF IRON.

*Recipe take Myrrhæ of Myrrh contritæ powdered drachmas duas two drams; Subcarbonātis of*

*Subcarbonate Sodæ of Soda, Sulphātis of Sulphate Ferri of Iron, Sacchāri of Sugar, singulōrum of each drachmam a dram;*

*Tere rub Myrrham the Myrrh cum with Subcarbonātis the Subcarbonate Sodæ of Soda; tum then, Sulphāte the Sulphate Ferri of Iron adjectā being added, tere triturate (them) itērum again; dein then contunde pound omnia all simul together donec until sit there be corpus unum one body [i. e. until they become incorporated].*

### PILŮLÆ GALBĀNI COMPOSITÆ.

#### COMPOUND PILLS OF GALBANUM.

*Recipe take Gummi-resinæ of Gum-resin Galbāni of Galbanum unciam an ounce; Myrrhæ of Myrrh, Sagapēni of Sagapenum, singulōrum of each unciam an ounce cum with semisse half (an oz.), Gummi-resinæ of Gum-resin Assafœtidæ of Assafœtida unciam dimidiā half an ounce; Syrūpi simplicis of simple Syrup quantum as much as sit may be satis sufficient;*

*Contunde pound (them) simul together donec until sit there be corpus unum one body [i. e. until they become incorporated].*

### PILŮLÆ HYDRARGŸRI.

#### PILLS OF MERCURY.

*Recipe take HydrargŸri purificāti of purified Mercury drachmas duas two drams; Confectionis of Confection Rosæ Gallicæ of Red Rose drachmas*



tres three drams ; Radicis of Root Glycyrrhizæ of Liquorice contritæ powdered drachmam a dram ;

Tere rub Hydrargyrum the Mercury cum with Confectione the Confection donec until globuli globules conspiciantur are seen non no amplius longer ; deinde then, Radice the Root Glycyrrhizæ of Liquorice adjectâ being added, contunde pound omnia all simul together donec until sit there be corpus unum one body [i. e. until they become incorporated.]

PILŪLÆ HYDRARGYRI SUBMURIATIS  
COMPOSITÆ.

COMPOUND PILLS OF THE SUBMURIATE  
OF MERCURY.

Recipe take Submuriātis of Submuriate Hydrargyri of Mercury, Sulphurēti præcipitāti of precipitated Sulphuret Antimonii of Antimony, singulorum of each drachmam a dram ; Gummi-resinæ of the Gum-resin Guaiaci of Guaiacum contritæ powdered drachmas duas two drams ;

Tere rub Submuriātem the Submuriate Hydrargyri of Mercury cum with Sulphurēto præcipitāto the precipitated Sulphuret Antimonii of Antimony, dein then cum with Gummi-resinâ the Gum-resin Guaiaci of Guaiacum, et and adjice add quod that which sit may be satis sufficient Mucilaginis of the Mucilage Acaciæ of Acacia, ut that idōnēa crassitudo a proper consistence fiat may be formed.

## PILŪLÆ SAPŌNIS CUM OPIO.

## PILLS OF SOAP WITH OPIUM.

Recīpe take Opīi duri of hard Opium contrīti powdered unciām dimidiām half an ounce ; Sapōnis duri of hard Soap unciās duas two ounces ;

Contunde pound (them) simul together donec until sit there be corpus unum one body [i. e. until they become incorporated].

## PILŪLÆ SCILLÆ COMPOSITÆ.

## COMPOUND PILLS OF SQUILL.

Recīpe take Radīcis of Root Scillæ of Squill recens fresh exsiccātæ dried et and contrītæ powdered drachmam a dram ; Radīcis of Root Zingibēris of Ginger contrītæ powdered, Sapōnis duri of hard Soap, singulōrum of each drachmas tres three drams ; Ammoniāci of Ammoniacum contrīti powdered drachmas duas two drams ;

Misce mix Pulvėres the Powders inter among se themselves (i. e. together) ; deinde then contunde pound (them) cum with Sapōne the Soap, et and adjice add quantum as much as sit may be satis sufficient Syrūpi simplicis of simple Syrup, ut that idōnēa crassitūdo a proper consistence fiat may be formed.

## PRÆPARĀTA EX ANIMALĪBUS.

## PREPARATIONS FROM ANIMALS.

## ADEPS PRÆPARĀTA.

## PREPARED LARD.

Concīde cut Adīpem the Lard in frustūla in small pieces, tum then, liquefactam (when) melted leni igne with a slow fire\*, exprīme express per through lintēum linen.

## CORNU USTUM.

## BURNT (HARTS') HORN.

Ure burn frusta pieces Cornūum of (Hart's) Horns igne aperto in an open fire donec until albescent they become white penītus thoroughly; deinde then contēre triturate et and præpara prepare (them) eōdem modo in the same manner quo in which præceptum est it is ordered de concerning Cretâ Chalk.

Hartshorn, when burnt, is said to consist of *Phosphate of Lime, Carbonate of Lime*, and a small portion of *Phosphate of Magnesia*; whilst the *Animal matter* is dispersed by the heat employed.

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\* The heat should not exceed 97 degrees, lest the Lard become discoloured.

## SEVUM PRÆPARĀTUM.

## PREPARED SUET.

Concīde *cut* Sevum *the Suet* in frustūla *small pieces*; tum *then* leni igne *with a gentle fire* exprīme *express* liquefactum *the dissolved (Suet)* per *through* lintēum *linen*.

## SPONGĪA USTA.

## BURNT SPONGE.

Concīde *cut* Spongĭam *the Sponge* in frustūla *in small pieces*, et *and* contunde *bruise (it)*, ut *that* separētur *it may be separated à* from rebus aliēnis *any things* adhærentĭbus *adhering thereto*; tum *then* ure *burn (it)* in vase ferrĕo *in an iron vessel* clauso *covered*, donec *until* fiat *it become* nigra *black* et *and* friabilis *friable*; denĭque *lastly*, tere *rub (it)* in into pulvĕrem *subtilissimum a very fine powder*.

The constituent parts of burnt Sponge appear to be *Carbonate and Phosphate of Lime, Subcarbonate of Soda, Charcoal, and Iodine*.

## TESTÆ PRÆPARĀTÆ.

## PREPARED SHELLS.

Lava *wash* Testas *the Shells*, priùs *first* purgatas *cleansed* sordĭbus *from impurities*, aquâ *fervente in boiling water*; tum *then* præpara *prepare (them)* eōdem modo *in the same manner* quo *in which* præceptum est *it is ordered* de *concerning* Cretâ *Chalk*.

## EMPLASTRA.

## PLASTERS.

## EMPLASTRUM AMMONIACI.

## PLASTER OF AMMONIACUM.

Recipe take Ammoniāci purificāti of purified Ammoniac unciās quinque five ounces ; Acīdi acetici of acetic Acid octarīum dimidiūm half a pint ;

Liqua dissolve Ammoniācum the Ammoniac in Acēto in the Vinegar ; dein then consūme evaporate liquōrem the liquor in vase ferrēo in an iron vessel, balnēo aquōso in a water bath ; movens stirring assiduē constantly, donec until idōnēa crassitūdo a proper consistence fiat is made.

## EMPLASTRUM AMMONIACI CUM HYDRARGYRO.

## PLASTER OF AMMONIAC WITH MERCURY.

Recipe take Ammoniāci purificāti of purified Ammoniac libram a pound ; Hydrargyri purificāti of purified Mercury unciās tres three ounces ; Olēi sulphurāti of sulphurated Oil fluidrachmam a fluid drachm ;

Tere rub Hydrargyrum the Mercury cum with Oleo sulphurato the sulphurated Oil donec until globuli globules conspiciantur are seen non no

*amplius longer ; deinde then adjice add paulatim gradually Ammoniæcum liquefactum the dissolved Ammoniac, et and misce mix omnia all (together).*

The Mercury becomes oxidized with a *minimum* of Oxygen.

### EMPLASTRUM CERÆ.

#### PLASTER OF WAX.

*Recipe take Ceræ flavæ of yellow Wax, Sevi præparati of prepared Suet, singulorum of each libras tres three pounds ; Resinæ flavæ of yellow Resin libram a pound ;*

*Liquefac dissolve (them) simul together, et and cola strain.*

### EMPLASTRUM CUMINI.

#### PLASTER OF CUMIN (SEEDS).

*Recipe take Seminum of the Seeds Cumini of Cumin, Seminum of the Seeds Carui of Carraway, Baccarum of Berries Lauri of Bay, singulorum of each uncias tres three ounces ; Picis aridæ \* of dried Pitch libras tres three pounds ; Ceræ flavæ of yellow Wax uncias tres three ounces ; ;*

*Adjice add cætera the other (articles) trita rubbed in pulvërem into a powder Pici to the Pitch et and Ceræ Wax, liquefactis melted simul together, et and misce mix.*

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\* Burgundy Pitch.

## EMPLASTRUM GALBĀNI COMPOSITUM.

## COMPOUND PLASTER OF GALBANUM.

Recīpe take Gummi-resinæ of the Gum-resin Galbāni of Galbanum purificātæ purified unciās octo eight ounces ; Emplastri of Plaster Plumbi of Lead libras tres three pounds ; Terebinthīnæ vulgāris of common Turpentine drachmas decem ten drams, Resinæ of Resin Abiētis of the Spruce Fir contrītæ powdered unciās tres three ounces ;

Gummi-resinæ to the Gum-resin Galbāni of Galbanum et and Terebinthīnæ the Turpentine, liquefactis melted simul together, adjice add primò first Resinam the Resin Abiētis of the Spruce Fir, deinde then Emplastrum the Plaster Plumbi of Lead, liquefactum melted lento igne with a slow fire, atque and misce mix omnia all (together.)

## EMPLASTRUM HYDRARGŸRI.

## PLASTER OF MERCURY.

Recīpe take HydrargŸri purificāti of purified Mercury unciās tres three ounces ; Olēi sulphurāti of sulphurated Oil fluidrachmam a fluid dram ; Emplastri of Plaster Plumbi of Lead libram a pound ;

Tere rub HydrargŸrum the Mercury cum with Olēo sulphurāto the sulphurated Oil donec until globŭli globules conspiciantur are seen non no ampliùs longer ; tum then adjice add paulātim gra-



*dually Emplastrum the Plaster Plumbi of Lead liquefactum melted, atque and misce mix omnia all (together.)*

In this plaster the metal is oxidized with a *minimum* of oxygen.

## EMPLASTRUM LYTTÆ.

### PLASTER OF LYTTA.

*Recipe take Lyttæ of Lytta tritæ rubbed in pulvërem subtilissimum into a very fine powder libram a pound ; Emplastri of Plaster Ceræ of Wax libram a pound cum with semisse half (a pound) ; Adipis preparatæ of prepared Lard libram a pound ;*

*Emplastro to the Plaster et and Adipi Lard, liquefactis dissolved simul together, et and remotis removed ab igne from the fire, paulò a little antequàm before concrecant they become solid, insperge sprinkle in Lyttam the Lytta, atque and misce mix omnia all (together.)*

## EMPLASTRUM OPII.

### PLASTER OF OPIUM.

*Recipe take Opïi duri of hard Opium contriti powdered unciam dimidiam half an ounce ; Resinæ of Resin Abiëtis of the Spruce Fir contritæ powdered uncias tres three ounces ; Emplastri of Plaster Plumbi of Lead libram a pound ;*

*Emplastro liquefacto to the dissolved Plaster adjuce add Resinam the Resin Abietis of the Spruce Fir et and Opium the Opium, et and misce mix.*

## EMPLASTRUM PICIS COMPOSITUM.

### COMPOUND PLASTER OF PITCH.

*Recipe take Picis aridæ of dried Pitch libras duas two pounds ; Resinæ of Resin Abietis of the Spruce Fir libram a pound ; Resinæ flavæ of yellow Resin, Ceræ flavæ of yellow Wax, singulorum of each uncias quatuor four ounces ; Olæi expressi of the expressed Oil Myristicæ of Nutmeg unciam an ounce ;*

*Pici to the Pitch, Resinæ Resin, et and Ceræ Wax, liquefactis dissolved simul together, adjuce add primum first Resinam the Resin Abietis of the Spruce Fir, dein then Olæum the Oil Myristicæ of Nutmeg, et and misce mix omnia all (together).*

## EMPLASTRUM PLUMBI.

### PLASTER OF LEAD.

*Recipe take Oxÿdi semivitræi of the semivitreous Oxide Plumbi of Lead, triti rubbed in pulværem subtilissimum into a very fine powder, libras quinque five pounds ; Olæi of Oil Olivæ of Olive congiūm a gallon ; Aquæ of Water octarios duos two pints ;*

*Coque boil (them) simul together lento igne with a slow fire, assidue constantly movens stirring,*

donec until Olĕum the Oil et and Oxŷdum the Oxide Plumbi of Lead cōĕant cohere in crassitudīnem into the consistence Emplastri of a Plaster. Autem but oportēbit it will be necessary adjicere to add paulūlum a little Aquæ ferventis of boiling Water, si if ferè almost omnis all ea that quæ which adhībīta est is employed in principiō in the beginning fuĕrit shall have been absumpta consumed, ante before finem the end coctiōnis of the boiling.

### EMPLASTRUM RESINÆ.

#### PLASTER OF RESIN.

Recīpe take Resīnæ flavæ of yellow Resin libram dimidiām half a pound; Emplastri of Plaster Plumbi of Lead libras tres three pounds;

Emplastro to the Plaster Plumbi of Lead, liquefacto dissolved lento igne with a slow fire, adjice add Resīnam contrītam the powdered Resin, et and misce mix.

### EMPLASTRUM SAPŌNIS.

#### PLASTER OF SOAP.

Recīpe take Sapōnis duri of hard Soap concīsi sliced libram dimidiām half a pound; Emplastri of Plaster Plumbi of Lead libras tres three pounds;

Emplastro liquefacto to the melted Plaster admisce mix Sapōnem the Soap; tum then decōque boil down ad to idōnĕam crassitudīnem a proper consistence.

## CERĀTA.

## CERATES.

## CERĀTUM SIMPLEX.

## SIMPLE CERATE.

Recīpe take Olēi of Oil Olīvæ of Olive fluiduncias  
quatūor four fluid ounces ; Ceræ flavæ of yellow  
Wax uncias quatūor four ounces ;

Adjice add Olĕum the Oil Ceræ liquefactæ to the  
melted Wax, et and misce mix.

## CERĀTUM CALAMINÆ.

## CERATE OF CALAMINE.

Recīpe take Calaminæ præparātæ of prepared Ca-  
lamine, Ceræ flavæ of yellow Wax, singulōrum  
of each libram dimidiā half a pound ; Olēi  
of Oil Olīvæ of Olive octarīum a pint ;

Misce mix Olĕum the Oil cum with Cerā lique-  
factâ the melted Wax ; tum then remove remove  
(them) ab from igne the fire, et and, ubi when  
primū first lentescant they begin to thicken, adjice  
add Calaminā the Calamine, et and assidūè con-  
stantly move stir, donec until refrixerint they shall  
have cooled.

## CERĀTUM CETACĒI.

## CERATE OF SPERMACETI.

Recipe take Cetacēi of Spermaceti unciām dimīdīām half an ounce ; Ceræ albæ of white Wax unciās duas two ounces ; Olēi of Oil Olivæ of Olive fluidunciās quatūor four fluid ounces ;

Adjice add Olēum the Oil Cetacēo to the Spermaceti et and Ceræ Wax liquefactis dissolved simul together, et and move stir donec until refrixerint they shall have cooled.

## CERĀTUM LYTTÆ.

## CERATE OF LYTTA.

Recipe take Cerāti of Cerate Cetacēi of Spermaceti drachmas sex six drams ; Lyttæ of Lytta tritæ rubbed in pulvĕrem subtilissimum into a very fine powder drachmam a dram ;

Cerāto to the cerate, emollito softened igne with the fire, adjice add Lyttam the Lytta, et and misce mix.

## CERĀTUM PLUMBI SUPERACETATIS.

## CERATE OF THE SUPERACETATE OF LEAD.

Recipe take Superacetātis of the Superacetate Plumbi of Lead contrītæ powdered drachmas

*duas two drams ; Ceræ albæ of white Wax uncias duas two ounces ; Olēi of Oil Olīvæ of Olive octarium dimidium half a pint ;*

*Liqua dissolve Ceram the Wax in fluidunciis septem in seven fluid ounces Olēi of the Oil ; tum then his to these adjice add paulatim gradually Superacetatem the Superacetate Plumbi of Lead contritam rubbed separatim separately cum with reliquo Olēo the remaining Oil, et and move stir (them) spathâ lignēâ with a wooden spatula, donec until coierint they shall have united.*

## CERĀTUM PLUMBI COMPOSITUM.

### COMPOUND CERATE OF LEAD.

*Recipe take Liquōris of Liquor Subacetātis of the Subacetate Plumbi of Lead fluiduncias duas two fluid ounces cum with semisse half (a fluid ounce) ; Ceræ flavæ of yellow Wax uncias quatuor four ounces ; Olēi of Oil Olīvæ of Olive fluiduncias novem nine fluid ounces ; Camphoræ of Camphor drachmam dimidiam half a dram ;*

*Misce mix Ceram liquefactam the melted Wax cum with fluidunciis octo eight fluid ounces Olēi of the Oil ; tum then remove remove (them) ab igne from the fire, et and, ubi when primū first lentescant they begin to thicken, adjice add paulatim gradually Liquōrem the Liquor Subacetātis of the Subacetate Plumbi of Lead, et and move stir assiduè constantly spathâ lignēâ with a wooden spatula, donec until refrixerint they shall have*

*cooled. Denique lastly, cum with his these misce mix Camphoram the Camphor, liquātam dissolved in reliquo Olēo in the remaining Oil.*

### CERĀTUM RESINÆ.

#### CERATE OF RESIN.

*Recipe take Resinæ flavæ of yellow Resin, Ceræ flavæ of yellow Wax, singulorum of each libram a pound ; Olēi of Oil Olivæ of Olive octarium a pint ;*

*Liquefac melt Resinam the Resin et and Ceram the Wax simul together lento igne with a slow fire ; dein then adjice add Olēum the Oil, et and exprime express Cerātum the Cerate adhuc whilst yet calens hot per through lintēum linen.*

### CERĀTUM SABINÆ.

#### CERATE OF SAVINE.

*Recipe take Foliorum recentium of fresh Leaves Sabinæ of Savine contusorum bruised libram a pound ; Ceræ flavæ of yellow Wax libram dimidiam half a pound ; Adīpis præparatæ of prepared Lard libras duas two pounds ;*

*Incöque boil in Folia the Leaves Sabinæ of Savine Adīpi to the Lard et and Ceræ Wax liquefactis melted simul together ; tum then exprime express per through lintēum linen.*



CERATUM SAPŌNIS.

CERATE OF SOAP.

Recipe take Sapōnis duri of hard Soap uncias octo eight ounces ; Ceræ flavæ of yellow Wax uncias decem ten ounces ; Oxŷdi semivitrēi of the semivitreous Oxide Plumbi of Lead contrīti powdered libram a pound ; Olēi of Oil Olivæ of Olive octarium a pint ; Acēti of Vinegar congiūm a gallon ;

Coque boil Acētum the Vinegar cum with Oxŷdo the Oxide Plumbi of Lead, lento igne with a slow fire, assidue constantly movens stirring, donec until cōēant they unite in unum into one ; dein then adjice add Sapōnem the Soap, et and coque boil itērum again simīli modo in a similar manner, donec until humor the moisture consumptus fuērit be evaporated penītus thoroughly ; denique lastly, cum with his these misce mix Ceram the Wax, prius first liquefactam dissolved ex Olēo in the Oil.

UNGUENTA.

OINTMENTS.

UNGUENTUM CETACĒI.

OINTMENT OF SPERMACETI.

Recipe take Cetacēi of Spermaceti drachmas sex six drams ; Ceræ albæ of white Wax drachmas

*duas two drams ; Olēi of Oil Olivæ of Olive fluiduncias tres three fluid ounces ;*

*Liquefacta being melted simul together lento igne with a slow fire, move stir (them) assidue constantly donec until refrixerint they shall have cooled.*

### UNGUENTUM ELĚMI COMPOSITUM.

#### COMPOUND OINTMENT OF ELEMI.

*Recipe take Elēmi of Elemi libram a pound ; Terebinthīnæ vulgāris of common Turpentine uncias decem ten ounces ; Sevi præparāti of prepared Suet libras duas two pounds ; Olēi of Oil Olivæ of Olive fluiduncias duas two fluid ounces ;*

*Liquefac melt (the Gum) Elēmi of Elemi simul together cum with Sevo the Suet ; tum then remove remove (them) ab from igne the fire, et and his to these misce mix Terebinthīnam the Turpentine et and Olēum the Oil statim immediately ; deinde then exprime express per through lintēum linen.*

### UNGUENTUM HYDRARGŶRI FORTIUS.

#### THE STRONGER OINTMENT OF MERCURY.

*Recipe take Hydrargŷri purificāti of purified Mercury libras duas two pounds ; Adīpis præparātæ of prepared Lard viginti tres twenty-three uncias ounces ; Sevi præparāti of prepared Suet unciam an ounce ;*

*Tere rub primùm first Hydrargyrum the Mercury cum with Sevo the Suet et and exiguò a little Adipis of the Lard, donec until globuli globules conspiciantur are seen non no amplius longer ; dein then adjice add quod that which est is reliquum left Adipis of the Lard, et and misce mix.*

The Mercury absorbs Oxygen from the atmosphere during its trituration with the fat, and is converted into the state of an *Oxide*.

### UNGUENTUM HYDRARGYRI MITIUS.

#### THE Milder OINTMENT OF MERCURY.

*Recipe take Unguenti fortiōris of the stronger Ointment Hydrargyri of Mercury libram a pound ; Adipis præparatæ of prepared Lard libras duas two pounds ;*

*Misce mix.*

### UNGUENTUM HYDRARGYRI NITRATIS.

#### OINTMENT OF NITRATE OF MERCURY.

*Recipe take Hydrargyri purificati of purified Mercury unciam an ounce ; Acidi nitrici of nitric Acid fluidrachmas undecim eleven fluid drams ; Adipis præparatæ of prepared Lard uncias sex six ounces ; Olæi of Oil Olivæ of Olive fluid-uncias quatuor four fluid ounces ;*

*Liqua dissolve primùm first Hydrargyrum the Mercury in Acido in the Acid ; dein then misce mix liquorem the liquor adhuc whilst yet calentem*

*hot cum with Adīpe the Lard et and Olēo the Oil liquefactis melted simul together.*

A *Nitrate of Mercury* is here formed by the union of the metal with the Acid, in the same manner as in the preparation of "*Hydrargyri Nitrico-oxydum*," which see.

### UNGUENTUM HYDRARGYRI NITRICO- OXŸDI.

#### OINTMENT OF NITRIC-OXIDE OF MERCURY.

*Recipe take Nitrico-oxŸdi of Nitric-oxide Hydrargyri of Mercury unciam an ounce ; Ceræ albæ of white Wax uncias duas two ounces ; Adīpis præparatæ of prepared Lard uncias sex six ounces ;*

*Adjice add Nitrico-oxŸdum the Nitric-oxide Hydrargyri of Mercury, tritum rubbed in pulvĕrem subtilissimum into a very fine powder, Ceræ to the Wax et and Adīpi Lard liquefactis melted simul together, et and misce mix.*

### UNGUENTUM HYDRARGYRI PRÆCIPITATI ALBI.

#### OINTMENT OF WHITE PRECIPITATE OF MERCURY.

*Recipe take præcipitāti albi of white precipitate Hydrargyri of Mercury drachmam a dram ; Adīpis præparatæ of prepared Lard unciam an ounce cum with semisse half (an ounce) ;*

Adjice *add* Hydrargyrum præcipitatum *the precipitated Mercury* Adipi *to the Lard*, liquefactæ *melting* lento igne *with a slow fire*, et *and* misce *mix*.

UNGUENTUM LYTTÆ.

OINTMENT OF LYTTA.

Recipe *take* Lyttæ *of Lytta* contritæ *rubbed in* pulværem subtilissimum *into a very fine powder* uncias duas *two ounces*; Aquæ distillatæ *of distilled Water* fluiduncias octo *eight fluid ounces*; Cerati *of Cerate* Resinæ *of Resin* uncias octo *eight ounces*;

Decoque *boil down* Aquam *the Water* cum *with* Lyttâ *the Lytta* ad *to* dimidium *half*, et *and* cola *strain*; Liquori colato *to the strained Liquor* imisce *mix in* Ceratum *the Cerate*, dein *then* vaporet *let it evaporate* ad *to* idonëam crassitudinem *a proper consistence*.

UNGUENTUM PICIS LIQUIDÆ.

OINTMENT OF LIQUID PITCH.

Recipe *take* Picis liquidæ *of liquid Pitch*,\* *(and)* Sevi præparati *of prepared Suet*, singulorum *of each* libram *a pound*;

Liquefac *melt (them)* simul *together*, et *and* exprime *express* per *through* lintæum *cloth*.

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\* Tar.

## UNGUENTUM RESINÆ NIGRÆ.

## OINTMENT OF BLACK RESIN.

Recipe take Resinæ nigræ of black Resin, Ceræ flavæ of yellow Wax, Resinæ flavæ of yellow Resin, singulōrum of each uncias novem nine ounces ; Olēi of Oil Olivæ of Olive octarium a pint ;

Liquefac melt (them) simul together, et and exprime express per through lintēum linen.

## UNGUENTUM SAMBŪCI.

## OINTMENT (OF FLOWERS) OF ELDER.

Recipe take Flōrum of Flowers Sambūci of Elder, Adīpis præparātæ of prepared Lard, singulōrum of each libras duas two pounds ;

Incōque boil in Flōres the Flowers Sambūci of Elder Adīpi to the Lard, donec until fiant they become friabiles friable ; tum then exprime express per through lintēum linen.

## UNGUENTUM SULPHŪRIS.

## OINTMENT OF SULPHUR.

Recipe take Sulphūris sublimāti of sublimed Sulphur uncias tres three ounces ; Adīpis præparātæ of prepared Lard libram dimīdiam half a pound ;

Misce mix.

UNGUENTUM SULPHŪRIS COMPOSITUM.

COMPOUND OINTMENT OF SULPHUR.

Recipe take Sulphūris sublimāti of sublimed Sulphur libram dimīdiā half a pound ; Radīcis of Root Verātri of white Hellebore contrītæ powdered uncias duas two ounces ; Nitrātis of Nitrate Potassæ of Potass drachmam a dram ; Sapōnis mollis of soft Soap libram dimīdiā half a pound ; Adīpis præparātæ of prepared Lard libram a pound cum with semisse half (a pound) ;

Misce mix.

UNGUENTUM VERĀTRI.

OINTMENT OF WHITE HELLEBORE.

Recipe take Radīcis of the Root Verātri of white Hellebore contrītæ powdered uncias duas two ounces ; Adīpis præparātæ of prepared Lard uncias octo eight ounces ; Olēi of Oil Limōnum of Lemons minīma viginti twenty minims ;

Misce mix.

UNGUENTUM ZINCI.

OINTMENT OF ZINC.

Recipe take Oxŷdi of the Oxide Zinci of Zinc unciam an ounce ; Adīpis præparātæ of prepared Lard uncias sex six ounces ;

Misce mix.



## LINIMENTA.

*LINIMENTS.*

## LINIMENTUM ÆRUGĪNIS.

*LINIMENT OF VERDIGRIS.*

Recīpe take Ærugĭnis of *Verdigris* contrītæ powdered unciām an ounce ; Acēti of *Vinegar* fluidunciās septem seven fluid ounces ; Mellis of *Honey* despumāti clarified unciās quatuordecim fourteen ounces ;

Liqua dissolve Ærugĭnem the *Verdigris* in Acēto in the *Acid*, et and cola strain per through lintĕum linen ; dein then, instillāto Melle the *Honey* being dropped in, decoque boil down ad to idōnĕam crassitūdinem a proper consistence.

## LINIMENTUM AMMONIÆ FORTIUS.

*STRONGER LINIMENT OF AMMONIA.*

Recīpe take fluidunciām a fluid ounce Liquōris of the *Liquor Ammonię* of *Ammonia* ; fluidunciās duas two fluid ounces Olĕi of *Oil Olivę* of *Olive* ;

Agĭta shake (them) simul together donec until misceantur they become mixed.

## LINIMENTUM AMMONIÆ SUBCARBONATIS.

LINIMENT OF THE SUBCARBONATE OF  
AMMONIA.

Recipe take Liquōris of *Liquor Subcarbonātis of the Subcarbonate Ammoniæ of Ammonia* fluidunciam a fluid ounce ; Olēi of *Oil Olivæ of Olive* fluiduncias tres three fluid ounces ;

Agita shake (them) simul together donec until misceantur they become mixed.

## LINIMENTUM CAMPHORÆ.

## LINIMENT OF CAMPHOR.

Recipe take Camphoræ of *Camphor* unciam dimidiam half an ounce ; Olēi of *Oil Olivæ of Olive* fluiduncias duas two fluid ounces ;

Liqua dissolve Camphoram the Camphor in Olēo in the Oil.

## LINIMENTUM CAMPHORÆ COMPOSITUM.

## COMPOUND LINIMENT OF CAMPHOR.

Recipe take Camphoræ of *Camphor* uncias duas two ounces ; Liquōris of *Liquor Ammoniæ of Ammonia* fluiduncias sex six fluid ounces ; Spiritūs of *Spirit Lavandulæ of Lavender* octarium a pint ;

Misce mix Liquōrem the *Liquor Ammoniæ of Ammonia* cum with Spiritu the Spirit ; tum then

distillet octarius *let a pint distil ex from retortâ vitreâ a glass retort, lento igne with a slow fire ; denique lastly, liqua dissolve Camphorâ the Camphor in his in these.*

## LINIMENTUM HYDRARGÿRI.

### LINIMENT OF MERCURY.

Recipe take Unguenti fortiōris of stronger Ointment Hydrargÿri of Mercury, Adipis præparatæ of prepared Lard, singulōrum of each uncias quatūor four ounces ; Camphoræ of Camphor unciam an ounce ; Spiritûs rectificati of rectified Spirit minima quindĕcim fifteen minims ; Liquōris of Liquor Ammonię of Ammonia fluiduncias quatūor four fluid ounces ;

Primum first tere rub Camphorâ the Camphor cum with Spiritû the Spirit, deinde then cum with Adipe the Lard et and Unguento Ointment Hydrargÿri of Mercury ; denique lastly, Liquore the Liquor Ammonię of Ammonia instillato being dropped in paulatim by little and little, misce mix omnia all (together).

## LINIMENTUM SAPŌNIS COMPOSITUM.

### COMPOUND LINIMENT OF SOAP.

Recipe take Sapōnis duri of hard Soap uncias tres three ounces ; Camphoræ of Camphor unciam an ounce ; Spiritûs of Spirit Rosmarini of Rosemary octarium a pint ;

*Liqua dissolve Camphōram the Camphor in Spiritū in the Spirit ; dein then adjice add Sapōnem the Soap, et and macēra macerate balnēo in a bath arēnæ of sand donec until liquētur it be dissolved.*

## LINIMENTUM TEREBINTHINÆ.

### LINIMENT OF TURPENTINE.

*Recipe take Cerāti of Cerate Resinæ of Resin libram a pound ; Olēi of the Oil Terebinthinæ of Turpentine octariū dimīdiū half a pint ;*

*Adjice add Olēum the Oil Terebinthinæ of Turpentine liquefacto Cerāto to the melted Cerate, et and misce mix.*

## CATAPLASMĀTA.

### CATAPLASMS.

#### CATAPLASMA FERMENTI.

##### CATAPLASM OF YEAST.

*Recipe take Farinæ of Flour libram a pound ; Fermenti of the Yeast Cerevisiæ of Ale, octariū dimīdiū half a pint ;*

*Misce mix, et and adhibe apply calōrem lēnem a gentle heat donec until cōpērint they begin intumēre to swell.*

## CATAPLASMA SINĀPIS.

*CATAPLASM OF MUSTARD.*

Recipe take Seminum of Seeds Sināpis of Mustard, Seminum of Seeds Lini usitatissimi of common Flax, singulōrum of each contritōrum powdered libram dimīdiam half a pound; Acēti calīdi of hot Vinegar quantum as much as sit may be satis sufficient;

Misce mix, ut that crassitūdo the consistence Cataplastmātis of a Cataplastm fiat may be formed.

## TABŪLA.\*

## A TABLE

Ostendens *showing*, quâ ratiōne *in what proportion* Opĭum Opium, et *and* præparāta quædam *certain preparations ex from* Antimonĭo *Antimony*, Arsenĭco *Arsenic*, et *and* Hydrargÿro *Mercury*, continentur *are contained* inquibusdam *in some* Medicamentis *compound Medicines*.

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CONFECTĬO OPĬI *confection of Opium* contĭnet *contains* granum *a grain* Opĭi *of Opium* in circĭter *in about* trīginta *thirty* et *and* sex *six* granis *grains*.

HYDRARGÿRUM CUM CRETÂ *Mercury with Chalk* contĭnet *contains* granum *a grain* Hydrargÿri *of Mercury* in circĭter *in about* granis *tribus three* grains.

LINĬMENTUM HYDRARGÿRI *Liniment of Mercury* contĭnet *contains* drachmam *a dram* Hydrargÿri *of Mercury* in circĭter *in about* drachmis *sex six* drams.

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\* This Table should be committed to memory.

**LIQUOR ANTIMONĪI TARTARIZĀTI** *Liquor of tartarized Antimony* contĭnet contains granum a grain Antimonĭi tartarizĀti of tartarized Antimony in fluidrachmis quatŭor in four fluid drams.

**LIQUOR ARSENICĀLIS** *Arsenical solution* contĭnet contains granum a grain Oxŷdi of Oxide Arsenĭci of Arsenic in fluidrachmis duābus in two fluid drams.

**LIQUOR HYDRARGŲRI OXYMURIĀTIS** *Liquor of Oxymuriate of Mercury* contĭnet contains granum a grain OxymuriĀtis of the Oxymuriate Hydrargŷri of Mercury in fluidunciis duābus in two fluid ounces.

**PILŮLĀ HYDRARGŲRI** *the Pills of Mercury* contĭnent contain granum a grain Hydrargŷri of Mercury in granis tribus in three grains.

**PILŮLĀ HYDRARGŲRI SUBMURIĀTIS COMPOSĪTĀE** *the compound Pills of Submuriate of Mercury* contĭnent contain granum a grain Hydrargŷri SubmuriĀtis of the Submuriate of Mercury in circĭter in about granis quatŭor four grains.

**PILŮLĀ SAPŌNIS CUM OPĪO** *Pills of Soap with Opium* contĭnent contain granum a grain Opĭi of Opium in granis quinque in five grains.

**PULVIS CORNU USTI CUM OPĪO** *the Powder of burnt (Harts') Horn with Opium* contĭnet contains granum a grain Opĭi of Opium in granis decem in ten grains.



**PULVIS CRETÆ COMPOSĪTUS CUM OPĪO** *the compound Powder of Chalk with Opium* contĭnet contains granum a grain Opĭi of Opium in scrupulis duōbus in two scruples.

**PULVIS IPECACUANHÆ COMPOSĪTUS** *compound Powder of Ipecacuanha* contĭnet contains granum a grain Opĭi of Opium in granis decem in ten grains.

**PULVIS KINO COMPOSĪTUS** *compound Powder of Kino* contĭnet contains granum a grain Opĭi of Opium in scrupulo in a scruple.

**UNGUENTUM HYDRARGŸRI FORTĪUS** *the stronger Ointment of Mercury* contĭnet contains drachmam a dram HydrargŸri of Mercury in drachmis duābus in two drams.

**UNGUENTUM HYDRARGŸRI MITĪUS** *the milder Ointment of Mercury* contĭnet contains drachmam a dram HydrargŸri of Mercury in drachmas sex in six drams.



# INDEX

## NOMĪNUM NOVŌRUM,

### INDEX OF NEW NAMES,

Ostendens *showing* ad to quod nomen *what name* vetēris Pharmacopœiæ *of the former Pharmacopœia* quodque *each* pertinet *relates*.

#### A.

##### NOMĪNA NOVA.

##### NEW NAMES.

Abiētis Resīna.  
Absinthĭum.  
Acaciæ Gummi.  
Acetōsa.  
Acĭdum acetĭcum.  
—— benzōĭcum.  
—— nitrĭcum.  
—— sulphurĭcum.  
Alōēs spicātæ Extractum.  
—— vulgāris Extractum.  
Ammonĭæ Murĭas.  
—— Subcarbōnas.

##### NOMĪNA PRIŌRA.

##### FORMER NAMES.

Thus.  
Absinthĭum vulgāre.  
Arabĭcum Gummi.  
Acetōsa pratensis.  
Acētum distillātum.  
Flores Benzōēs.  
Acĭdum nitrōsum.  
—— vitriolĭcum.  
Alōe socotorīna, *Succus spissātus*.  
—— barbādensis, *Succus spissātus*.  
Sal Ammoniācus.  
Ammonĭa præparāta.]

Anthemīdis Flores.

Antimonīi Sulphurētum.

———— Sulphurētum  
præcipitātum.

Argentī Nitras.

Armoraciæ Radix.

Chamæmēlum, *Flos simplex.*

Antimonium.

Sulphur Antimonīi præci-  
pitātum.

Argentum nitrātum.

Raphānus rusticānus, *Radix.*

## B.

Benzöinum.

Benzöë.

## C.

Calāmi Radix.

Calāmus aromaticus, *Radix.*

Calamīna.

Lapis Calamināris.

Calumbæ Radix.

Colomba, *Radix.*

Cambogiā.

Gambogiā.

Canellæ Cortex.

Canella alba, *Cortex.*

Capsici Baccæ.

Piper indicum, *Capsula.*

Caryophylli.

Caryophyllus aromatica,  
*Pericarpium immaturum.*

Cassīæ Pulpa.

Cassia fistulāris, *Fructus.*

Castorëum.

Castorëum Rossicum.

Cerātum Plumbi composi-  
tum.

Cerātum Lithargyri ace-  
tāti compositum.

———— Resinæ.

Unguentum Resinæ flavæ.

Cetacëum.

Sperma Ceti.

Cinchōnæ lancifoliæ Cor-  
tex.

Cinchōnæ Cortex

———— cordifoliæ Cor-  
tex.

*Vulgò Cortex flavus.*

———— oblingifoliæ  
Cortex.

*Vulgò Cortex ruber.*

Coccus.

Coccinella.

Confectio Aurantii.

Conserva Aurantii.

Confectio Cassiæ.  
 ——— Opīi.  
 ——— Rosæ canīnæ.  
 ——— Rosæ Galliæ.  
 ——— Scammonææ.  
 ——— Sennæ.  
 Conīi Folia.  
 Copaiba.  
 Cupri Sulphas.  
 Cuspariæ Cortex.  
 Cydoniæ Semina.

Electuarium Cassiæ.  
 Confectio opiāta.  
 Conserva Cynosbati.  
 ——— Rosæ.  
 Electuarium Scammonii.  
 ——— Sennæ.  
 Cicūta, *herba*.  
 Balsamum Copaiva.  
 Vitriolum cærulæum.  
*Vulgò* Cortex Angusturæ.  
 Cydonia malus, *Semen*.

## D.

Decoctum Cydoniæ.  
 ——— Malvæ compo-  
 situm.  
 ——— Papaveris.

Mucilāgo Seminis Cydoni  
 mali.  
 Decoctum pro Enemate.  
 ——— pro Fomento.

## E.

Elaterii Poma.  
 Emplastrum Ceræ.  
 ——— Galbani com-  
 positum.  
 ——— Hydrargyri.  
 ——— Picis compo-  
 situm.  
 ——— Lyttæ.  
 ——— Plumbi.  
 ——— Resinæ.

Cucumis agrestis, *Fructus recens*.  
 Emplastrum Ceræ com-  
 positum.  
 ——— Lithargyri  
 compositum.  
 ——— Lithargyri  
 cum Hydrargyro.  
 ——— Picis Burgun-  
 diciæ compositum.  
 ——— Cantharidis.  
 ——— Lithargyri.  
 ——— Lithargyri  
 cum Resina.

## F.

Ferri Sulphas.  
 Ferrum ammoniātum.  
 Fœnicŭli Semīna.

Ferrum vitriolātum.  
 ——— ammoniacāle.  
 Fœnicŭlum dulce, *Semen*.

## H.

Hellebōri fœtīdi Foliā.  
 Hydrargŷri Nitrīco-oxy-  
 dum.  
 ————— Oxŷdum ru-  
 brum.  
 ————— Oxymurias.  
 ————— Submurias.  
 ————— Sulphurētum  
 rubrum.  
 Hydrargŷri Sulphurētum  
 nigrum.  
 Hydrargŷrum præcipitā-  
 tum album.

Hellebōraster, *Folium*.  
 Hydrargŷrus nitrātus ru-  
 ber.  
 ————— calcinātus.  
 ————— muriātus.  
 Calomēlas.  
 Hydrargŷrus sulphurātus  
 ruber.  
 Hydrargŷrus cum Sul-  
 phŷre.  
 Calx Hydrargŷri alba.

## J.

Jalāpæ Radix.

Jalapŷum, *Radix*.

## L.

Linimentum Ammonīæ  
 Subcarbonātis.  
 ————— Ærugīnis.  
 Lini usitatissīmi Semīna.  
 Liquor Alumīnis composi-  
 tus.  
 ————— Ammonīæ.  
 ————— Ammonīæ Ace-  
 tātis.  
 ————— Antimonīi tar-  
 tarizāti.  
 ————— Calcis.  
 ————— Cupri Ammo-  
 niāti.

Linimentum Ammonīæ.  
 Oxymel Ærugīnis.  
 Linum, *Semen*.  
 Aqua Alumīnis compo-  
 sita.  
 ————— Ammonīæ puræ.  
 ————— Ammonīæ acetatæ.  
 Vinum Antimonīi tarta-  
 rizāti.  
 Aqua Calcis.  
 ————— Cupri Ammoniāti.

Liquor Plumbi Subacetatātis.	Aqua Lithargyri acetāti.
——— Plumbi Subacetatis dilūtus.	——— Lithargyri acetāti composīta.
——— Potassæ.	——— Kali puri.
Lytta.	Canthāris.

## M.

Magnesīa.	Magnesīa usta.
Magnesīæ Carbōnas.	——— alba.
——— Sulphas.	——— vitriolāta.
Marrubium.	Marrubium album.
Mentha piperīta.	Mentha piperītis.
——— virīdis.	——— satīva.
Menyanthes.	Trifolium paludōsum.
Mistūra Amygdalārum.	Lac Amygdālæ.
——— Ammoniāci.	——— Ammoniāci.
——— Assafoetīdæ.	——— Asa foetīdæ.
——— Camphoræ.	Mistūra camphorāta.
——— Cretæ.	——— cretacæa.
——— Guaiāci.	Lac Guaiāci.
——— Moschi.	Mistūra moschāta.

## O.

Olëum Succīni.	Oleum Succīni rectificātum.
Oxymel simplex.	Mel acetātum.

## P.

Papavēris somnifēri Capsulæ.	Papāver album <i>Capsula</i> .
Pilulæ Sapōnis cum Opīo.	Pilulæ Opīi.
——— Scillæ composītæ.	——— Scillæ.
Pix arīda.	Pix burgundīca.
Plumbi Superacētas.	Cerussa acetāta.
——— Subcarbōnas.	Cerussa.



Plumbi Oxŷdum semi-vitrēum.	Lithargŷrus.
Potassæ Acētas.	Kali acetātum.
Potassa cum Calce.	Calx cum Kali puro.
———— fusa.	Kali purum.
———— impūra.	Cinēres clavellāti.
Potassæ Nitras.	Nitrum.
———— Subcarbōnas.	Kali præparātum.
———— Tartras.	———— tartarizātum.
———— Sulphas.	———— vitriolātum.
———— Sulphurētum.	———— sulphurātum.
———— Supertartras.	Tartāri Crystalli.
Pruna Gallica.	Pruna.
Pterocarpi Lignum.	Santalum rubrum, <i>Lignum.</i>
Pulvis Aloës compositus.	Pulvis Alōës cum Guaiāco.
———— Cinnamōmi compositus.	———— aromaticus.
———— Cornu usti cum Opio.	———— opiātus.

## R.

Rhamni Baccæ.	Spina cervīna, <i>Bacca.</i>
Rhei Radix.	Rhabarbārum, <i>Radix.</i>
Rhœados Petāla.	Papāver erraticum, <i>Flos.</i>
Rosæ canīnæ Pulpa.	Cynosbātus, <i>Fructus.</i>
———— centifoliæ Petāla.	Rosa damascēna, <i>Petālum.</i>
———— Gallicæ Petāla.	———— rubra, <i>Petālum.</i>

## S.

Sacchārum.	Sacchārum non purificātum.
Scammōnēæ Gummi-resīna.	Scammonium, <i>Gummi-resīna.</i>
Senēgæ Radix.	Senēka, <i>Radix.</i>
Serpentariæ Radix.	Serpentaria virginianā, <i>Radix.</i>

Sodæ Murīas.  
 — Subbōras.  
 — Subcarbōnas.  
 — Sulphas.  
 Soda impūra.  
 — tartarizāta.  
 Spartii Cacumīna.  
 Spiritus Camphōræ.  
 — rectificātus.  
 — tenuior.  
 Sulphur lotum.  
 — sublimātum.

Sal muriaticus.  
 Borax.  
 Natron præparātum.  
 — vitriolātum.  
 Barilla.  
 Natron tartarizātum.  
 Genista, *Cacūmen*.  
 Spiritus camphorātus.  
 — vinosus rectifi-  
 cātus.  
 — vinosus tenuior.  
 Flores Sulphūris loti.  
 Sulphūris Flores.

## T.

Terebinthīna canadensis. Balsānum canadense.  
 Tinctūra Camphōræ com- Tinctūra Opīi campho-  
 posita. rāta.  
 — Ferri Muriātis. — Ferri muriāti.

## V.

Verātri Radix. Hellebōrus albus, *Radix*.  
 Unguentum Cetacēi. Unguentum Spermātis  
 Ceti.  
 — Picis liquidæ. — Picis.

## Z.

Zinci Oxȳdum. Zincum calcinātum.  
 — Sulphas. — vitriolātum.

# INDEX

## NOMĪNUM VETĒRUM,

### INDEX OF FORMER NAMES,

Ostendens *showing* ad *to* quod nomen *what name* hujus Voluminis *of this Volume* quodque *each* pertinet *relates*.

#### A.

##### NOMĪNA PRIŌRA.

##### FORMER NAMES.

Absinthĭum vulgāre.  
 Acetōsa pratensis.  
 Acetum distillātum.  
 Acĭdum nitrōsum.  
 — vitriolĭcum.  
 Alŏe barbādensis.  
 — socotorina.  
 Ammonĭa pręparāta.  
 Antimonĭum.  
 Aqua Alumĭnis composita.  
 — Ammonĭę acetātę.  
 — Ammonĭę purę.

##### NOMĪNA NOVA.

##### NEW NAMES.

Absinthĭum.  
 Acetōsa.  
 Acĭdum acetĭcum.  
 — nitrĭcum.  
 — sulphurĭcum.  
 Alŏes vulgāris Extractum.  
 — spicātę Extractum.  
 Ammonĭę Subcarbōnas.  
 Antimonĭi Sulphurētum.  
 Liquor Alumĭnis composĭtus.  
 — Ammonĭę Acetātis.  
 — Ammonĭę.

Aqua Calcis.	Liquor Calcis.
—— Cupri ammoniāti.	—— Cupri ammoniāti.
—— Lithargyri acetāti.	—— Plumbi Subacetātis.
Aqua Lithargyri acetāti composīta.	Liquor Plumbi Subacetātis dilūtus.
—— Kali puri.	—— Potassæ.
Arabicum Gummi.	Acaciæ Gummi.
Argentum nitrātum.	Argenti Nitras.

## B.

Balsānum canādense.	Terebinthīna canādensis.
Balsānum Copaiva.	Copaiba.
Barilla.	Soda impūra.
Benzöë.	Benzoīnum.
Borax.	Sodæ Subbōras.

## C.

Calāmus aromaticus, <i>Radic.</i>	Calāmi Radix.
Calomēlas.	Hydrargyri Submuriās.
Calx cum Kali puro.	Potassa cum Calce.
Calx Hydrargyri alba.	Hydrargyrum præcipitātum album.
Canella alba, <i>Cortex.</i>	Cauellæ Cortex.
Canthāris.	Lytta.
Caryophyllus aromaticus, <i>Pericarpium immatūrum.</i>	Caryophylli.
Cassia fistulāris, <i>Fructus.</i>	Cassiæ Pulpa.
Castoreū Rossicum.	Castoreū.
Cerātum Lithargyri acetāti composītum.	Ceratum Plumbi composītum.
Cerussa.	Plumbi Subcarbōnas.
Cerussa acetāta.	—— Superacētas.
Chamæmēlum, <i>Flos simplex.</i>	Anthemīdis Flores.

Cicūta, *Herba*.  
Cinchōna, *Cortex*.

———— flavus.

———— ruber.

Cinēres clavellāti.

Coccinella.

Colomba.

Confectio opiāta.

Conserva Aurantii.

———— Cynosbāti.

———— Rosæ.

Cortex Angustūræ.

Cucūmis agrestis, *Fructus*  
*recens*.

Cydonia Malus, *Semen*.

Cynosbātus, *Fructus*.

Conii Folia.

Cinchonæ lancifoliæ Cor-  
tex.

———— cordifoliæ Cor-  
tex.

———— oblongifoliæ  
Cortex.

Potassa impūra.

Coccus.

Calumbæ Radix.

Confectio Opīi.

———— Aurantii.

———— Rosæ caninæ.

———— Rosæ Gallicæ.

Cuspariæ Cortex.

Elaterii Poma.

Cydoniæ Semina.

Rosæ caninæ Pulpa.

## D.

Decoctum pro Enemate.

———— Fomento.

Decoctum Malvæ compo-  
situm.

———— Papaveris.

## E.

Electuarium Cassiæ.

———— Scammonii.

———— Sennæ.

Emplastrum Cantharidis.

———— Cerae compo-  
situm.

———— Lithargyri.

———— Lithargyri  
compositum.

———— Lithargyri  
cum Hydrargyro.

Confectio Cassiæ.

———— Scammonææ.

———— Sennæ.

Emplastrum Lyttæ.

———— Cerae.

———— Plumbi.

———— Galbani com-  
positum.

———— Hydrargyri.

Emplastrum Lithargŷri  
cum Resīna.

————— Picis Burgun-  
dicæ compositum.

Emplastrum Resīnæ.

————— Picis compo-  
situm.

## F.

Ferrum ammoniacāle.

———— vitriolātum.

Flores Benzōēs.

———— Sulphūris loti.

Fœniculum dulce, *Semen*.

Ferrum ammoniātum.

Ferri Sulphas.

Acidum benzōicum.

Sulphur lotum.

Fœniculi Semina.

## G.

Gambogia.

Genista, *Cacūmen*.

Cambogia.

Spartii Cacumina.

## H.

Helleböraster, *Folium*.

Hellebörus albus, *Radix*.

Hydrargŷrus calcinātus.

———— cum sulphure.

———— muriātus.

———— sulphurātus

ruber.

———— nitrātus ru-

ber

Hellebōri foetidi Folia.

Veratri Radix.

Hydrargŷri Oxŷdum ru-  
brum.

———— Sulphurētum  
nigrum.

———— Oxymurias.

———— Sulphurētum

rubrum.

———— Nitrico-oxŷ-  
dum.

## J.

Jalapium, *Radix*.

Jalāpæ Radix.

## K.

Kali acetātum.

———— præparātum.

Potassæ Acētas.

Potassæ Subcarbōnas.

Kali purum.  
 ——— sulphurātum.  
 ——— tartarizātum.  
 ——— vitriolātum.

Potassa fusa.  
 Potassæ Sulphurētum.  
 ——— Tartras.  
 ——— Sulphas.

## L.

Lac Ammoniāci.  
 — Amygdālæ.  
 — Asa foetidæ.  
 — Guaiāci.  
 Lapis calamināris.  
 Linimentum Ammonīæ.  
 Linum, *Semen*.  
 Lithargyrus.

Mistūra Ammoniāci.  
 ——— Amygdālæ.  
 ——— Assafoetidæ.  
 ——— Guaiāci.  
 Calamīna.  
 Linimentum Ammonīæ  
 Subcarbonātis.  
 Lini usitatissīmi Semīna.  
 Plumbi Oxȳdum semivitrēum.

## M.

Magnesīa alba.  
 ——— vitriolāta.  
 ——— usta.  
 Marrubium album  
 Mel acetātum.  
 Mentha piperītis.  
 ——— satīva.  
 Mistūra camphorāta.  
 ——— cretacĕa.  
 ——— moschāta.  
 Mucilāgo Semīnis Cydonī  
 mali.

Magnesīæ Carbōnas.  
 Magnesīæ Sulphas.  
 Magnesīa.  
 Marrubium.  
 Oxymel simplex.  
 Mentha Piperīta.  
 ——— virīdis.  
 Mistūra Camphoræ.  
 ——— Cretæ.  
 ——— Moschi.  
 Decoctum Cydonīæ.

## N.

Natron præparātum  
 ——— tartarizātum.  
 ——— vitriolātum.  
 Nitrum,

Sodæ Subcarbōnas  
 Soda tartarizāta.  
 Sodæ Sulphas.  
 Potassæ Nitras.



## O.

Olĕum Succĭni rectificā- tum.	Olĕum Succĭni.
Oxymel Ærugĭnis.	Linimentum Ærugĭnis.

## P.

Papaver album, <i>Capsŭla</i> .	Papavĕris somnifĕri Cap- sŭlæ.
———— erraticum, <i>Flos</i> .	Rhœados Petĭla.
Pilŭlæ Opĭi.	Pilŭlæ Sapōnis cum Opĭo.
———— Scillæ.	———— Scillæ composĭtæ.
Pix burgundĭca.	Pix arĭda.
Pulvis Alōēs cum Guaiăco.	Pulvis Alōēs composĭtus.
———— aromatĭcus.	———— Cinnamōmi compo- sĭtus.
———— opiātus.	———— Cornu usti cum Opĭo.

## R.

Raphănus rusticănus, <i>Ra- dix</i> .	Armoraciæ Radix.
Rhabarbărum, <i>Radix</i> .	Rhei Radix.
Rosa damascĕna, <i>Petĭlum</i> .	Rosæ centifoliæ Petĭla.
———— rubra, <i>Petĭlum</i> .	———— Gallicæ Petĭla.

Sacchărum non purificā- tum.	Sacchărum.
Sal Ammoniăcus.	Ammoniæ Murĭas.
—— muriatĭcus.	Sodæ Murĭas.
Santălum rubrum.	Pterocarpi Lignum.
Scammonĭum, <i>Gummi-re- sĭna</i> .	Scammonĕæ Gummi-re- sĭna.
Senĕka, <i>Radix</i> .	Senĕgæ Radix.

Serpentaria virginiana, <i>Radix.</i>	Serpentariae Radix.
Sperma Ceti.	Cetaceum.
Spina cervina, <i>Bacca.</i>	Rhamni Baccæ.
Spiritus camphoratus.	Spiritus Camphoræ
———— vinosus rectificatus.	———— rectificatus.
———— vinosus tenuior.	———— tenuior.
Sulphur Antimonii præcipitatum.	Antimonii Sulphuratum præcipitatum.
Sulphuris Flores.	Sulphur sublimatum.

## T.

Tartari Crystalli.	Potassæ Supertartaras.
Tinctura Opii camphorata.	Tinctura Camphoræ composita.
Tinctura Ferri muriatis.	Tinctura Ferri Muriatis.
Thus.	Abietis Resina.
Trifolium paludosum, <i>Herba.</i>	Menyanthes.

## V.

Vinum Antimonii tartarizati.	Liquor Antimonii tartarizati.
Vitriolum cæruleum.	Cupri Sulphas.
Unguentum Picis.	Unguentum Picis liquidæ.
Unguentum Resinæ flavæ.	Ceratum Resinæ flavæ
————— Spermatis Ceti.	Unguentum Cetacæi

## Z.

Zincum calcinatum.	Zinci Oxidum.
———— vitriolatum.	———— Sulphas.

## SUPPLEMENT.

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IN the following table those medicines most likely to be taken in an over-dose, or for the purpose of destroying life, have a reference made to their antidotes at the bottom of each page, that, when called to a case of poisoning, the young practitioner may know, at a single glance, what he should give to afford relief. The after treatment, which will always vary with circumstances, has not been considered, as there will be time to deliberate upon this when a poison shall have been counteracted.

To speak of those poisons which are not here enumerated, would, perhaps, be irrelevant; for by far the greater part of them are in this country rarely taken, either by the suicide, or from mistake, (which arises from their not being generally known, as well as from the difficulty of procuring them;) whilst some others are of such deadly tendency, as to admit of no relief: but as numberless accidents have happened, and more may occur, from the careless manner of keeping **OXALIC ACID**, the author trusts the following observations will be found of use, as they apply not only to this, but to poisons of the same class.

“Little knowledge has yet been acquired of the treatment of this kind of poisoning; for, in truth, it is commonly beyond the control of art before medical aid can be procured. Yet neither the chemical action nor the absorption of the poison is so rapid, as not to be obviated by the prompt employment of certain remedies.

“The first object of the practitioner in all cases of poisoning is, to remove the deleterious substance from the stomach. In the case of poisoning with oxalic acid, however, it may be inconvenient, or even dangerous, to attempt this by ordinary means. For, first, as to emetics, either the vomiting is so speedy and continual that they are unnecessary, or it is never properly accomplished; in which case emetics will too often fail in their effect; besides, during the time lost before

their operation, the acid would, in general, have acted long enough to prove eventually fatal. And then with regard to simple dilution, so advantageously used to promote vomiting in most kinds of poisoning, we have seen that it promotes the absorption of oxalic acid; so that it could not be safely used, unless there were a certainty that it would be followed by vomiting. Lastly, the method lately proposed of withdrawing liquid poisons from the stomach by a tube and exhausting syringe, might be properly applied to oxalic acid; but it should be remembered, that the great rapidity of its action requires a remedy more easily and generally attainable, which remedy must be an antidote or counterpoison."

*Dr. Christison, and Dr. Coindet's Experimental Inquiry on Poisoning by Oxalic Acid, inserted in the Edinburgh Medical Journal for April, 1823.*

From the same interesting paper, it appears that the best antidotes are *chalk* and *magnesia*.

The *doses* in the table are such as are usually given to adults; and must, of course, always vary with the *age*, *constitution*, &c. of the patient. The following proportions may serve to assist in prescribing:—

Under 1 year the dose should be  $\frac{1}{12}$  of what would be given to an adult.

2 years	-	-	-	$\frac{1}{8}$	_____
3	-	-	-	$\frac{1}{5}$	_____
4	-	-	-	$\frac{1}{4}$	_____
7	-	-	-	$\frac{1}{3}$	_____
14	-	-	-	$\frac{1}{2}$	_____

At 21 the full dose.

63	-	-	-	$\frac{11}{12}$	_____
77	-	-	-	$\frac{5}{6}$	_____

# A TABLE

EXHIBITING AT ONE VIEW THE NAMES OF MEDICINES, WITH THEIR PROPERTIES, DOSES, AND ANTIDOTES, IN CASES OF POISON.

Names.	Properties, &c.		Doses.
	Stimulant.	[Used in plasters and ointments.]	
ABŪTIS RESĪNA	-	- Stimulant.	- ʒj to ʒj.
ABsĭnthĭum	-	- Tonic, stomachic, vermifuge	- See Mucilag.
Acacĭæ Gummi	-	- Demulcent	- f. ʒss to f. ʒij.
Acetōsæ Folia	-	- Refrigerant. [The juice.]	- f. ʒss to f. ʒij.
Acetosella	-	- Refrigerant. [The juice.]	- f. ʒss to f. ʒij.
Acētum	-	- Antiseptic, diaphoretic	- f. ʒj to f. ʒss.
Acētum Colchĭci	-	- Acrid, diuretic. [Very uncertain.]	- f. ʒss to f. ʒij.
Acētum Scillæ	-	- Expectorant, diuretic	- f. ʒss to f. ʒij.
Acĭdum acētĭcum	-	- Antiseptic, diaphoretic	- f. ʒj to f. ʒss.
— benzōĭcum	-	- Expectorant, stimulant. [Seldom used.]	- gr. x to ʒss.
— citrĭcum	-	- Antiseptic, refrigerant	- gr. x to ʒij.
* — MURIATĪCUM	-	- Antiseptic, lithontriptic, tonic	{ m x to f. ʒss. properly diluted

## ANTIDOTES IN CASES OF POISON.

\* *Muriatic Acid*, — *Spirit of Salt*, is kept by many people for the purpose of cleaning boot-tops; and in two different instances I have known it to be given by mistake to infants instead of their medicine; one of which was about a year old, the other not more than a week, but each recovered, from the timely administration of *Magnesia* in water. *Soap* and *calcined Magnesia* are recommended; — the former may be very readily dissolved in hot water.

Names.	Properties, &c.	Doses.
* ACIDUM NITRICUM DILUTUM	- Antiseptic, antisyphilitic	- { m x to f. ʒfs. properly diluted.
+ ——— SULPHURICUM DILUTUM	- Astringent, refrigerant, tonic	- { m vj to f. ʒfs. properly diluted.
‡ ACONITI FOLIA	- Narcotic, sudorific, deobstruent	- gr. j to gr. v.
§ ÆRUGO	- Emetic. [ <i>Seldom or never used.</i> ]	- { gr. ½ to gr. 1 & gr. j.
Æther rectificatus	- Stimulant, antispasmodic	- f. ʒfs to f. ʒij.
ALLII RADIX	- Stimulant, expectorant, diuretic. [ <i>Juice.</i> ]	- f. ʒj to f. ʒij.
ALÖES SPICATÆ EXTRACTUM	- Aperient, emmenagogue	- gr. v to gr. xv.
——— vulgæris EXTRACTUM	- Aperient, emmenagogue	- gr. v to gr. xv.
ALTHÆÆ FOLIA ET RADIX	- Obtunding, emollient. [ <i>See Decoct.</i> ]	- gr. v to gr. xv.
ALŪMEN	- Tonic, astringent	- gr. v to gr. xv
——— exsiccātum	- [ <i>Externally to destroy fungous flesh.</i> ]	-
AMMONIÆ SUBCARBONAS	- Antispasmodic, diaphoretic, antacid	- gr. v to gr. xv.
——— MURIAS	- [ <i>In lotions discutient.</i> ] Aperient	- gr. x to ʒfs.
AMMONIACUM	- Expectorant, antispasmodic, stimulant	- gr. x to ʒfs.
AMYGDALÆ AMARÆ	- Demulcent, narcotic	-
——— dulces	- Demulcent. [ <i>See Mist. Amygd.</i> ]	-
AMYLUM	- Demulcent. [ <i>See Mucilag.</i> ]	-
ANETHI SEMINA	- Carminative, stimulant	- ʒfs to ʒj.
ANISI SEMINA	- Carminative, stimulant	- gr. x to ʒj.
ANTHEMIDIS FLORES	- Stomachic, tonic	- gr. x to ʒjs.

Antimonij Oxjdum	-	-	-	Alterative, diaphoretic	-	-	gr. j to gr. v.
----- Sulphuretum	-	-	-	Alterative, diaphoretic	-	-	gr. xv to ʒij.
----- prapipitatum	-	-	-	Alterative, diaphoretic	-	-	gr. j to gr. v.
¶ ANTIMONIUM TARTARIZATUM	-	-	-	{ Emetic	-	-	gr. j to gr. iv.,
Aqua Anethi	-	-	-	{ Alterative, diaphoretic	-	-	gr. ʒ to gr. ʒ.
----- Carui	-	-	-	Carminative	-	-	
----- Cinnamomi	-	-	-	Carminative	-	-	
----- Feniculi	-	-	-	Stomachic	-	-	
----- Menthae piperitae	-	-	-	Carminative	-	-	f. ʒj to f. ʒiv.
----- viridis	-	-	-	Carminative	-	-	
----- Pimentae	-	-	-	Carminative	-	-	
----- Pulegij	-	-	-	Stimulant	-	-	

U

#### ANTIDOTES IN CASES OF POISON.

\* *Nitric Acid, nitrous Acid.*—*Aqua fortis.*

Give calcined magnesia, or soap dissolved in water. [See *Acid, Muratic.*]  
 † *Sulphuric Acid, Spirit, or Oil of Vitriol.* Give calcined magnesia, or soap dissolved in water. [See *Acid, Muratic.*]  
 ‡ *Aconite, Monkshood, or Wolfsbane.* Sugar and water should be given to encourage the vomiting; and, after the poison is evacuated, acidulated drinks and cordials should be administered.

§ *Zerugo, Verdigris.* The best antidote is sugar given in water in large and continued doses. The wife of a china-painter took, at least, half an ounce of verdigris, for the purpose of destroying life; but by large doses of the above, I had the pleasure of seeing her recovered without any bad consequences, although she was at the time far advanced in pregnancy. Other things were also given; but, I am convinced, they were of no use.

|| See *Liquor Ammoniac.*

¶ *Tartarized Antimony, or Tartar Emetic.* Give strong decoctions of galls, cinchona bark, or oak bark; and after the poison is evacuated, give opium to allay the vomiting, which, in the first instance, will be rendered less painful by oily or mucilaginous fluids.

Names.		Properties, &c.	Doses.
		{ Used principally in lotions, &c. and to cover the taste of nauseous medicines.	
Aqua Rosæ	-	-	-
* ARGENTI NITRAS	-	Tonic, antispasmodic escharotic	gr. $\frac{1}{4}$ to gr. $\frac{1}{2}$ .
Armoracæ Radix	-	Diuretic, antiscorbutic, stimulant	- ad libitum.
† ARSENICI OXYDUM SUBLIMATUM	-	Tonic. [See <i>Liquor Arsenicalis</i> .]	- gr. $\frac{1}{16}$ to gr. $\frac{1}{4}$ .
Asari Folia	-	[Used principally as an <i>Errhine</i> .]	-
Assafoetidæ Gummi-resina	-	Antispasmodic, stimulant	- gr. v to ʒfs.
Aurantii Cortex	-	Stomachic. [See <i>Tinct. Aurantii</i> .]	-
Balsamum Peruvianum	-	Stimulant, expectorant	- gr. x to ʒfs.
----- Tolutanum	-	Stimulant, corroborant, expectorant	- gr. x to ʒij.
† BELLADONNÆ FOLIA	-	Narcotic, diaphoretic, diuretic	{ gr. fs. to gr. $\frac{1}{2}$ . } gradually.
Benzoinum	-	Expectorant, stimulant	- gr. x to ʒfs.
Bistortæ Radix	-	Strongly astringent	- gr. x to ʒj.
Cajuputi Oleum	-	Stimulant, antispasmodic, sudorific	- m ij to m v.
Calami Radix	-	Stimulant, aromatic, stomachic	- gr. x to ʒj.
Calamina preparata	-	[Used externally, to promote granulation in ulcers.]	-
Calumbæ Radix	-	Tonic, stomachic	- gr. x to ʒj.
§ CALX	-	-	-
CAMBOGIA	-	Cathartic, hydragogue	- gr. ij to gr. x.
¶ CAMPHORA	-	Antiseptic, diaphoretic, antispasmodic	- gr. $\frac{1}{2}$ to ʒj.
Canellæ Cortex	-	Stimulant, aromatic, stomachic	- gr. x to ʒfs.
Capsici Baccæ	-	Stimulant, aromatic	- gr. v to gr. x.



Carbo Ligni	-	Antiseptic. [ <i>Said to be styptic.</i> ]	-	gr. x to ʒj.
Cardamīnes Flores	-	Stimulant, antispasmodic. [ <i>In powder.</i> ]	-	ʒj to ʒj.
Cardamōmi Semina	-	Stimulant, carminative, stomachic	-	gr. v to ʒss.
Caricæ Fructus	-	Demulcent	-	ad libitum.
Carui Semina	-	Stimulant, carminative, stomachic	-	gr. x to ʒj.
Carōphylli	-	Stimulant, aromatic	-	gr. x to ʒss.
Oleum	-	Stimulant, aromatic	-	m ij to m v.
Cascārilæ Cortex	-	Tonic, and at the same time expectorant	-	gr. x to ʒss.
Cassia Pulpa	-	Laxative. [ <i>See Conf.</i> ]	-	ʒss to ʒj or more.
Castoreum	-	Antispasmodic, emmenagogue	-	gr. x to ʒss.
Catechu Extractum	-	Astringent	-	gr. x to ʒij.
Centaurii Cacumina	-	Tonic, aperient, stomachic	-	gr. xv to ʒj.
Cetaceum	-	Emollient, demulcent	-	ʒj to ʒifs.

## ANTIDOTES IN CASES OF POISON.

\* *Nitrate of Silver*, or *Lunar Caustic*. Give large and repeated doses of salt and water, which will decompose the nitrate, and at the same time excite vomiting. Afterwards, mucilaginous fluids, fat mutton broth, &c.

† *Arsenic*. Arsenic and all arsenical preparations may be counteracted, by first evacuating the stomach, by giving either copious draughts of lime-water, chalk and water, sugar and water, or soap and water; the latter is most preferable. Charcoal has also been recommended. Plenty of tepid mucilaginous drinks should be taken to sheath the stomach as much as possible from the action of this poison. Should its fatal consequences be prevented, let the patient, for some time afterwards, abstain from animal food in a solid form, living principally on milk and demulcents.

‡ *Belladonna*. *Deadly Night-shade*. *Duale*. There is some difficulty in exciting vomiting, when this has been taken in a poisonous quantity; the best emetic is sulphate of zinc in a *very little water*. Should the poison have been taken long enough to have passed into the intestines, give a large dose of castor oil. Dr. Paris recommends vinegar to facilitate the action of emetics: Orfila says, it ought not to be given until the poison be evacuated; but that then, it, and other acidulated drinks, may be taken with advantage.

§ *Calx Lime*. See *Liquor Ammonia*.

¶ *Camphora*, *Camphor*. Wine with opium; the latter in small doses often repeated is recommended. See *Colocynthis pulpa*.

|| *Cambogia*, *Gamboge*.

<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Cinchonæ cordifoliæ Cortex	- Tonic, astringent, stomachic	- gr. x to ʒi.
— lancifoliæ Cortex	- Tonic, astringent, stomachic	- gr. x to ʒiss.
— oblongifoliæ Cortex	- Tonic, astringent, stomachic	- gr. x to ʒiss.
Cinnamomi Cortex	- Stimulant, aromatic, astringent	- gr. v to ʒj.
— Olëum	- Stimulant, stomachic	- m j to m iij.
Coccus	- [Used for colouring other medicines.]	
* COLCHICI RADIX	- Diuretic, cathartic	- gr. j to gr. iij.
+ COLOCYNTHIDIS PULPA	- Strongly cathartic	- gr. j to gr. v.
Confectio Amygdalarum	- [Used for making Mist. Amygdalæ; which see.]	
— Aromatica	- Stimulant, astringent	- gr. x to ʒj.
— Aurantiörum	- Tonic, stomachic	- ʒj to ʒj.
— Cassiæ	- Mildly laxative	- ʒj to ʒj.
Confectio Opii	- Stimulant, carminative, anodyne	- gr. x to ʒiss.
— Rosæ Caninæ	- Cooling, restraining	- ʒj to ʒj.
— Gallicæ	- Subastringent	- ʒj to ʒj.
— Rutæ	- [In clysters, carminative, antispasmodic.]	
— Scammonææ	- Cathartic	- ʒj to ʒj.
— Sennæ	- Mildly cathartic	- ʒj to ʒj.
† CONII FOLIA	- Narcotic, alterative, resolvent	- ʒj to ʒj.
Contrayervæ Radix	- Stimulant, antiseptic, diaphoretic	- gr. i j to ʒj.
Copaiba	- Stimulant, diuretic	- gr. x to ʒiss.
Coriandri Semina	- Stimulant, carminative	- m x to ʒj.
		- ʒj to ʒj.

Cornu ustum	-	-	-	Absorbent, astringent	-	ʒss to ʒij.
Creta præparata	-	-	-	Absorbent, antacid	-	ʒj to ʒij.
Croci Stigmata	-	-	-	Cordial, diaphoretic	-	gr. x to ʒj.
Cumini Semen	-	-	-	Stimulant, antispasmodic	-	ʒj to ʒj.
§ CUPRUM AMMONIATUM	-	-	-	Astringent, antiepileptic [ <i>gradually</i> ]	-	gr. ¼ to gr. v.
§ CUPRI SULPHAS	-	-	-	Speedily emetic, gr. ij to gr. x — corroborant	-	gr. ¼ to gr. iss. <sup>s</sup>
Cuspariæ Cortex	-	-	-	Tonic, stomachic	-	gr. vj. to ʒj.
Cydoniæ Semen	-	-	-	Mucilaginous, demulcent. [See <i>Decoct.</i> ]	-	ʒj. to ʒj.
Dauci Semen	-	-	-	Stimulant, stomachic, diuretic	-	f. ʒss to f. ʒij.
Decoctum Aloës compositum	-	-	-	Ape-ient, stomachic	-	f. ʒj to f. ʒiv.
— Cinchonæ	-	-	-	Tonic, astringent	-	f. ʒj to f. ʒiv.
— Cydoniæ	-	-	-	Mucilaginous, demulcent	-	f. ʒj to f. ʒiv.
— Dulcamaræ	-	-	-	Discutient, diaphoretic, resolvent	-	f. ʒss to f. ʒij.
— Hordæi	-	-	-	Nutritive, emollient	-	f. ʒiv to Oss.
— — — — — compositum	-	-	-	Pectoral, demulcent	-	f. ʒiv to Oss.

ANTIDOTES IN CASES OF POISON.

\* *Colchici Radix*, *Root of Meadow Saffron*. First empty the stomach, by giving repeated doses of warm fluids, such as sugar and water, &c.; and afterwards administer cordials, with small doses of opium. If the poison has been long taken, and the patient sinking, brandy may be given.

† *Colocynthis*, or *Bitter Apple*. Young women are in the habit of applying for this, amongst other things, for the purpose of causing abortion. If taken in a large quantity, emetics must be had recourse to; but if its action has commenced on the bowels, give opium with plenty of linseed tea, or mucilage of acacia; also oleaginous clysters, to which opium may be added.

‡ *Conium* or *Cicuta*, *Hemlock*. Poisoning by this may be treated in every respect as *Belladonna*; which see.

§ *Cuprum Ammoniatum*, *Ammoniated Copper*. Also *Cupri Sulphas*, *Sulphate of Copper*, or *Green Vitriol*. Sugar in large quantities is recommended to be given in coffee, when either of these, or, indeed, any of the salts of copper have been taken internally; drinking, at intervals, copiously of mucilaginous fluids, and swallowing whites of eggs. Should the poison have passed into the intestines, castor oil must be resorted to in all cases, if it can be had, as the best purgative.

<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Decoctum Lichēnis	Tonic, nutritive, demulcent	f. ʒj to f. ʒiv.
Malvæ Compositum	Emollient. [ <i>In clysters.</i> ]	-
Papavēris	[ <i>Used for fomentations.</i> ] Anodyne	-
Quercus	[ <i>Used in injections</i> ] Astringent	-
Sarsaparilla	Alterative, diaphoretic	f. ʒ iv to Ofs.
_____ compositum	Alterative, sudorific	f. ʒiv to Ofs.
Senēgæ	Acrid, diuretic, cathartic	f. ʒfs to f. ʒij.
Ulmī	Emollient, subastringent	f. ʒiv to Ofs.
Veratri	[ <i>Applied externally in psora, tinea, &amp;c.</i> ]	-
* DIGITĀLIS FOLIA	Diuretic, cathartic, sedative	gr. ½ to gr. iij.
Dolīchi Pubes	Anthelmintic	gr. v. to gr. x.
Dulcamāre Caulis	Diaphoretic, discutient. [See <i>Decoct.</i> ]	-
† ELATERII POMA	[See <i>Extract Elaterii.</i> ]	-
† EUPHORBIIUM	-	-
Extractum Aconiti	Narcotic, sudorific, deobstruent	gr. j to gr. v.
Alōēs purificātum	Purgative, stomachic	gr. v to gr. xv.
Anthemidis	Tonic, stomachic	gr. x to ʒj.
Belladonnæ	Narcotic, diaphoretic	gr. j to gr. v.
Cinchonæ	Tonic, astringent	gr. x to ʒfs.
Cinchonæ resinosum	Tonic, astringent	gr. x to ʒfs.
Colocynthis	Strongly cathartic	gr. v to ʒfs.
_____ compositum	Cathartic	gr. v to ʒfs.
Conii	Narcotic, alterative, resolvent	{ gr. v to ʒj. gradually.

Elaterii	-	-	Strongly cathartic	-	-	gr. $\frac{1}{4}$ to gr. ij.
Gentianæ	-	-	Tonic, stomachic	-	-	gr. x to $\overline{3}$ s.
Glycyrrhizæ	-	-	Demulcent	-	-	ad libitum
Hæmatoxyli	-	-	Astringent	-	-	gr. x to $\overline{3}$ s.
Humuli	-	-	Tonic, anodyne, sedative	-	-	gr. v to $\overline{3}$ j.
Hyoscyami	-	-	Narcotic, diaphoretic, resolvent	-	-	gr. v to $\overline{3}$ j.
Jalapæ	-	-	Cathartic	-	-	gr. x to $\overline{3}$ j.
Opii	-	-	Anodyne, narcotic	-	-	gr. $\frac{1}{4}$ to gr. v.
Papaveris	-	-	Anodyne, narcotic	-	-	gr. ij to $\overline{3}$ j.
Rhei	-	-	Purgative	-	-	gr. x to $\overline{3}$ s.
Sarsaparillæ	-	-	Alterative, diaphoretic	-	-	gr. x to $\overline{3}$ j.
Taraxaci	-	-	Aperient, diuretic, deobstruent	-	-	gr. x to $\overline{3}$ j.
Ferrum	-	-	Tonic, astringent. [See <i>Vinum Ferri</i> .]	-	-	gr. x. to $\overline{3}$ s.
ammoniātum	-	-	Astringent, attenuant, emmenagogue	-	-	gr. ij to gr. xv.
Ferri Subcarbōnas	-	-	Astringent, tonic, emmenagogue	-	-	gr. ij to $\overline{3}$ j.
§ — SULPHAS	-	-	Astringent, tonic, emmenagogue	-	-	gr. j to gr. v.
Ferrum tartarizātum	-	-	Astringent, deobstruent	-	-	gr. x to $\overline{3}$ s.

#### ANTIDOTES IN CASES OF POISON.

\* *Digitalis*, *For Glove*. Evacuate the stomach with an emetic of sulphate of zinc; then give aromatics and cordials, with Tr. Opii.

† *Elaterium*, *Wild Cucumber*. The purging where this has been taken is dreadful, and little good is to be expected from any thing. Emollient clysters may be given, and cordials, with opium, may also be administered.

‡ *Euphorbium*.

§ *Ferri Sulphas*, *Copperas*, *Green Vitriol*. The subcarbonate of soda, or any convenient alkali, or earth, such as magnesia, should be given in solution, in preference to any vegetable infusions, encouraging the vomiting with warm water. [See note to *Ferri Subcarbōnas*, page 54.

<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Filicis Radix - - -	Astringent, aperient, anthelmintic	- ʒj to ʒfs.
Foeniculi Semina - - -	Stimulant, carminative	- ʒj to ʒj.
Galbani Gummi-resina - - -	Stimulant, antispasmodic	- gr. x to ʒfs.
Gallæ - - -	Powerfully astringent	- gr. x to ʒj.
Gentianæ Radix - - -	Tonic, stomachic [See <i>Infus. Gentianæ</i> ]	- gr. x. to ʒj.
Glycyrrhizæ Radix - - -	Attenuant, demulcent	- ʒfs to ʒj.
Granāti Cortex - - -	Highly astringent	- ʒj to ʒj.
Guaiaci Resina - - -	Stimulant, diaphoretic	- gr. x to ʒfs.
—— Lignum - - -	[See <i>Decoctum Guaiaci.</i> ]	
Hæmatoxyli Lignum - - -	Astringent [ʒj to Oj of water, boiled down to Ofs]	f. ʒj to f. ʒij.
*HELLEBORI FŒTIDI FOLIA - - -	Cathartic, vermifuge, emetic	- gr. x to ʒfs.
—— nigri Radix - - -	Alterative, emmenagogue	- gr. x to ʒj.
Hordæi Semina - - -	[See <i>Decoct. Hordei.</i> ]	
Humuli Strobili - - -	Tonic, sedative. [See <i>Ext. and Tinct.</i> ]	- gr. x to ʒfs.
Hydragryi Nitrîco-oxÿdum - - -	<i>Externally</i> , stimulant, escharotic	
—— Oxÿdum cinerëum - - -	Alterative, deobstruent	- gr. j. to gr. ij.
—— rubrum - - -	Alterative, diaphoretic	- gr. ½ to gr. ij.
† ——— OXYMURIAS - - -	Alterative. [ <i>Must be used with caution.</i> ]	- gr. ½ to gr. ½.
—— Submurias - - -	{ Alterative, anti-syphilitic	- gr. j to iv daily.
—— Cathartic - - -	{	- gr. v to xv.
—— Sulphurëtum rubrum - - -	Alterative	- gr. x to ʒfs.
—— nigrum - - -	Alterative, vermifuge	- gr. v to ʒfs.
Hydragryum cum Creta - - -	Alterative	- gr. x to ʒfs.

—	—	præcipitatum album	[ <i>Externally.</i> ] Detergent	—	—	3 j to ʒiv.
—	—	purificatum	- Acts by its weight	-	-	gr. ij to gr. x.
‡	HYOSCYAMI	FOLIA ET SEMINA	- Narcotic, diaphoretic, resolvent	-	-	
Infusum	Anthemidis	-	{ To assist the operation of emetics : also used	-	-	
—	—	—	externally in fomentations	-	-	
—	—	—	- Stimulant, diuretic	-	-	
—	—	—	- Stimulant, aromatic, stomachic	-	-	
—	—	—	- Tonic, stomachic, anti-emetic	-	-	
—	—	—	- Stimulant, aromatic	-	-	f. ʒj to f. ʒiij.
—	—	—	- Tonic, and at the same time expectorant	-	-	
—	—	—	- Astringent	-	-	
—	—	—	- Tonic, astringent	-	-	
—	—	—	- Tonic, astringent	-	-	
—	—	—	- Narcotic, sedative. [ <i>Cautiously.</i> ]	-	-	f. ʒss to f. ʒifs.
—	—	—	- Tonic, stomachic	-	-	f. ʒj to f. ʒiij.
—	—	—	- Emollient, demulcent	-	-	- ad libitum.

#### ANTIDOTES IN CASES OF POISON.

\* *Hellebori Fœtidi Folia et Hellebori nigri Radix.* *Stinking and Black Hellebore.* The sickness occasioned by these should be encouraged by oleaginous and mucilaginous drinks; where the poison has passed into the intestines, it will be advisable to resort to anodyne and soothing clysters.

† *Hydrargyri Oxyurias, Oxyuriatæ of Mercury or Corrosive Sublimate.* It is universally allowed, that whites of eggs beaten up with water, are the best antidote where this has been taken; as they effectually, if given in time, and in a sufficient quantity, counteract any deleterious effects. The albumen of the eggs converts the *corrosive muriatæ* to the state of a *submuriatæ*. This treatment may also be adopted to counteract the effects of other mercurial preparations.

‡ *Hyoscyamus, Henbane.* Give an emetic of the sulphate of zinc, and when the poison is evacuated from the stomach, acidulated fluids may be administered; but if the poison has been long taken, the bowels must be opened freely with castor oil, and bleeding resorted to.



<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Infūsum Quassiæ	- Tonic, stomachic -	-
— Rhei	- Cathartic, stomachic -	-
— Rosæ	- Tonic, refrigerant -	-
— Sennæ	- Purgative -	-
— Sinaroubæ	- Tonic, stomachic -	-
— Tabaci	- [Used chiefly in clysters.] Purgative.	-
Ipecacuanhæ Radix	- { Emetic -	- gr. x to ʒss.
	- { Diaphoretic, expectorant -	- gr. fs to gr. ifs.
Jalāpæ Radix	- Cathartic -	- gr. x to ʒfs.
Junīpēri Baccæ et Cacumīna	- Stimulant, stomachic, diuretic -	- ʒss to ʒj.
Kino	- Astringent -	- gr. x to ʒfs.
Lavandulæ Flores	- Stimulant, aromatic -	- ʒj to ʒj.
Lauri Baccæ et Folia	- Stimulant, carminative, antispasmodic -	- gr. x to ʒfs.
Lichen	- Tonic, mucilaginous. [See Decoct.] -	- ʒj to ʒj.
Limōnum Cortex	- Stimulant, stomachic -	- ʒss to ʒj.
Linum Catharticum	- Purgative, diuretic -	- { m x to m xx.
* LIQUOR AMMONIÆ	- Antacid -	- } diluted.
— Acetatis	- Diaphoretic -	- f. ʒij to f. ʒj.
— Subcarbonatis	- Stimulant, antispasmodic -	- f. ʒss to f. ʒj.
† — ANTIMONI TARTARIZATI	- { Diaphoretic -	- f. ʒss to f. ʒifs.
	- { Emetic -	- f. ʒfs to f. ʒifs.
† — ARSENICALIS	- Tonic. [In intermittent fever.] -	- m ij to m xij.



—	Calcis	-	-	-	-	-	Astringent, antacid	-	f. ʒiſs to Oſs.
—	—	Muriatis	-	-	-	-	Deobstruent, diuretic, laxative	-	{ f. ʒiſs to f. ʒj. properly diluted.
—	Ferri alkalini	-	-	-	-	-	Astringent, tonic, emmenagogue	-	f. ʒiſs to f. ʒj.
§	HYDRARGYRI OXYMURIATIS	-	-	-	-	-	Alterative, antisymphilitic	-	f. ʒj to ʒvj.
	POTASSÆ	-	-	-	-	-	Antacid, lithontripic	-	ʒ x to f. ʒiſs.
¶	Potassæ Subcarbonatis	-	-	-	-	-	Antacid, diuretic, lithontripic	-	ʒ x to f. ʒiſs.
¶	LYTTA	-	-	-	-	-	Stimulant, diuretic. [ <i>Externally vesicatory.</i> ]	-	gr. ſs to gr. iij.
—	Magnesia	-	-	-	-	-	{ Antacid — aperient where it meets with acidity on the stomach	-	{ ʒiſs to ʒj.
—	—	Carbōnas	-	-	-	-	Antacid, aperient	-	ʒiſs to ʒij.
—	—	Sulphas	-	-	-	-	Mildly aperient	-	ʒij to ʒiſs.
—	Malva	-	-	-	-	-	{ Emollient. [See Decoct. Used also in poultices, &c. externally.]	-	-
—	Manna	-	-	-	-	-	Mildly laxative	-	ʒiſs to ʒij.
—	Marrubium	-	-	-	-	-	Stimulant, tonic, deobstruent	-	ʒiſs to ʒij.
—	Mastiche	-	-	-	-	-	Stimulant, corroborant	-	gr. x to ʒiſs.
—	Mel Boracis	-	-	-	-	-	[Used in aphthous affections of the mouth.]	-	-
—	—	Despumatum	-	-	-	-	Attenuant, aperient	-	ʒij to ʒij.

## ANTIDOTES IN CASES OF POISON.

\* Any preparations of *Ammonia* may be counteracted, if taken internally, by giving plenty of vinegar, or any other vegetable acid, such as lemon-juice, &c.

† See *Antimonium Tartarizatum*.

See *Liquor Ammoniac*, above.

¶ *Lyctæ Cantharides*, or *Blistering Flies*. If taken internally, Orfila recommends oil to excite vomiting, or sugar and water, milk, or decoctions of linseed. Anodyne emollient clysters should be given, and the warm-bath resorted to.

§ See *Hydrargyri Oxymuriatis*.

† See *Arsenici Oxydum Sublim.*

<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Mel Rosæ	[ <i>Used principally in gargles.</i> ]	
Mentha piperīta	Stimulant, carminative	gr. x to ʒj.
— viridis	Stimulant, stomachic	gr. x to ʒj.
Menyanthes	Tonic, laxative. [ <i>In infusion ʒj to Oij of water</i> ]	ʒifs to ʒii.
* MEZERĚJ CORTEx	{ Antivenereal. [ <i>Generally used with other things, as in Decoct. Sarsaparil. C.</i> ]	
Mistūra Ammoniāci,	Attenuant, expectorant, antispasmodic	f. ʒiv to f. ʒj.
— Amygdālæ	Cooling, demulcent	f. ʒij to f. ʒiv.
— Assafetidæ	Stimulant, expectorant, antispasmodic	f. ʒfs to f. ʒifs.
— Camphoræ	Antispasmodic, diaphoretic	f. ʒfs to f. ʒij.
— Crētæ	Astringent, antacid	f. ʒj to f. ʒij.
— Ferri composita	Astringent, tonic	f. ʒj to f. ʒij.
— Guaiāci	Stimulant, diaphoretic	f. ʒfs to f. ʒij.
— Moschi	Diaphoretic, antispasmodic	f. ʒfs to f. ʒij.
Moschus	Demulcent	gr. v to ʒj.
Mucilāgo Acac̄æ	Demulcent. [ <i>Seldom used but in clysters.</i> ]	f. ʒj. to f. ʒifs.
— Amyli	Stimulant, aromatic	gr. v to ʒj.
Myristicæ Nuclēi	Emmenagogue, tonic	gr. x to ʒj.
Myrrha	Emollient, demulcent	f. ʒij to f. ʒj.
Olēum Amygdālæ	Stimulant, carminative	m v to m x.
— Anīsi	Tonic, stomachic	m v to m x.
— Anthemīdis	Stimulant, carminative	m j to m v.
— Carui		

— Juniperi —	—	Stimulant, carminative, diuretic	—	— m ij to m x.
— Lavandulæ —	—	Stimulant	—	— m j to m v.
— Lini —	—	Emollient, demulcent	—	— f. ʒij to f. ʒiv.
— Menthæ piperitæ —	—	Stimulant, carminative	—	— m j to m ij.
— — viridis —	—	Stimulant, carminative	—	— m ij to m v.
— Origani —	—	Stimulant	—	— m j to m ij.
— Pimentæ —	—	Stimulant, aromatic	—	— m ij to m v.
— Pulegii —	—	Stimulant, antispasmodic	—	— m j to m vj.
— Ricini —	—	Cathartic. [ <i>Operates speedily and pleasantly.</i> ]	—	— f. ʒfs. to f. ʒj.
— Rosmarini —	—	Stimulant	—	— m ij to m v.
— Succini —	—	Stimulant, antispasmodic	—	— m x to ʒfs.
— Olëum sulphuratum —	—	Stimulant, expectorant	—	— m x to f. ʒfs.
— Terebinthina rectificatum —	—	[ <i>In tænia ʒfs to ʒij.</i> ] Stimulant, diuretic	—	— m x to f. ʒj.
— Olibanum —	—	Stimulant, corroborant	—	— gr. x to ʒfs.
— Olivæ Olëum —	—	Emollient, demulcent	—	— f. ʒij to f. ʒv.
— Opium —	—	Anodyne, narcotic	—	— gr. fs to gr. iv.

#### ANTIDOTES IN CASES OF POISON.

\* *Mezereon Bark* and *Berries*. If the latter were eaten by children, they would, undoubtedly, prove poisonous. In case of such an accident, oleaginous and demulcent fluids might be administered with advantage. It is said, by Withering, that twelve of the berries of mezereon caused instantaneous death to a child.

† *Opium*, or *Laudanum*, should be first evacuated from the stomach, by giving an emetic of sulphate of zinc dissolved in a little water, and not in a large quantity of water, as is usually the custom. The throat should be tickled with the finger, if the patient can be persuaded to do it; but if vomiting cannot under these circumstances be excited, repeat the emetic of sulphate of zinc after the former dose has been taken about a quarter of an hour, or gr. iv to gr. viij. of sulphate of copper may be administered. Copious draughts of fluids ought by no means to be given, as the object is to have these antidotes in as

con-

<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Opopanācis Gummi-resīna	- Stimulant, antispasmodic, deobstruent	- gr. x to ʒfs.
Origānum	- Stimulant. [See <i>Ol.</i> ]	- ʒj. to ʒj.
Oxymel simplex	- Cooling, expectorant	- f. ʒj to f. ʒj.
Scillæ	- Expectorant, detergent	- f. ʒfs to f. ʒj.
Petrolĕum	- Stimulant, antispasmodic	- m x to f. ʒfs.
Pillulæ Alōēs composītæ	- Purgative, stomachic	- gr. x to ʒj.
— Alōēs cum Myrrha	- Purgative, emmenagogue	- gr. x to ʒj.
— Galbāni composītæ	- Stimulant, antispasmodic	- gr. x to ʒj.
— Cambogiæ composītæ	- Cathartic, anthelmintic	- gr. x to ʒj.
— Hydrargÿri	- Alterative, antisymphilitic	- gr. v to gr. x.
— Submuriātis	- Alterative, diaphoretic	- gr. v to gr. x.
— composītæ }		
— Sapōnis cum Opĭo	- Anodyne, narcotic	- gr. iij to gr. x.
— Scillæ composītæ	- Attenuant, expectorant, diuretic	- gr. x to ʒj.
Pimentæ Baccæ	- Stimulant, aromatic, carminative	- gr. v to ʒj.
Pipēris longi Fructus	- Stimulant, aromatic	- gr. v to ʒj.
— nigri Baccæ	- Stimulant, aromatic	- gr. v to ʒj.
Pix arĭda	- Stimulant, aromatic	- gr. v to ʒj.
— liquĭda	- [Externally—stimulant, anodyne.]	-
* PLUMBI SUBCARBŌNAS	- [Externally—stimulant.]	-
* SUPERACĒTAS	- [In lotions and ointments—cooling, astringent.]	- gr. fs to gr. ij.
Porri Radix	- [In lotions—cooling]. Internally—astringent.	- f. ʒj to f. ʒfs.
Potassæ Acētas	- Stimulant, diuretic [ <i>Juice.</i> ]	-
	- Diaphoretic, diuretic, deobstruent	- ʒj to ʒij.



<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Potassæ Tartras - - -	- Mildly cathartic	- ʒj to ʒj.
Pterocarpi Lignum - - -	- [ <i>Used for colouring tinctures, &amp;c.</i> ]	- gr. x to ʒj.
Pulegium - - -	- Stimulant, antispasmodic, emmenagogue	- gr. x to ʒj.
Pulvis Alōēs composītus - -	- Warm cathartic	- gr. v to gr. x.
— Antimonialis - - -	- Febrifuge, sudorific	- gr. v to gr. x.
— Cinnamōmi composītus - -	- Stimulant, carminative, aromatic	- gr. v to gr. x.
— Contrajervæ composītus - -	- Stimulant, diaphoretic	- gr. xv to ʒij.
— Cornu usti cum Opīo - - -	- Anodyne, absorbent	- gr. v to gr. x.
— Cretæ composītus - - -	- Astringent, carminative	- ʒfs to ʒj.
— — — cum Opīo - - -	- Astringent, carminative	- ʒj to ʒij.
— Ipecacuanhæ composītus - -	- Anodyne, diaphoretic	- gr. v to ʒj.
— Kino composītus - - -	- Astringent, stomachic	- gr. v to ʒj.
— Scammonīæ composītus - -	- Cathartic	- gr. v to ʒj.
— Sennæ composītus - - -	- Cathartic	- ʒj to ʒj.
— Tragacanthæ composītus - -	- Demulcent	- gr. x to ʒj.
Pyrethri Radix - - -	- Stimulant, sialagogue	- gr. iij to gr. x.
Quassīæ Lignum - - -	- Tonic, stomachic [ <i>See Infus.</i> ]	- gr. v to ʒfs.
Quercus Cortex - - -	- Strongly astringent	- gr. x to ʒfs.
Rhamni Baccæ - - -	- Cathartic. [ <i>See Syrup.</i> ]	-
Rhēi Radix - - -	- Purgative, stomachic, astringent	- gr. x to ʒfs.
Rhœados Petala - - -	- [ <i>See Syrup.</i> ]	-
Rosæ Canīnæ Pulpa - - -	- [ <i>See Confectio.</i> ]	-
— centifoliæ Petala - - -	- [ <i>See Syrup and Aqua.</i> ]	-

— Gallicæ Petāla	-	-	[See <i>Syrup and Infus.</i> ]	-	-
Rosmarīni Cacumīna	-	-	Stimulant, antispasmodic. [See <i>Ol.</i> ]	-	gr. x to ʒss.
Rubæ Radix	-	-	Astringent, diuretic, emmenagogue	-	ʒss to ʒj.
Rutæ Folia	-	-	Stimulant, attenuant, antispasmodic	-	gr. xv to ʒij.
* SABIŅÆ FOLIĀ	-	-	Stimulant, antispasmodic, aperient, diuretic	-	gr. v to gr. x.
Sagapēnum	-	-	Aperient, deobstruent, antispasmodic	-	gr. x to ʒss.
Salicis Cortex	-	-	Tonic, astringent	-	gr. x to ʒj.
Sambūci Flores	-	-	[ <i>In fomentations</i> —discutient.]	-	-
Sapo dūrus	-	-	Diuretic, cathartic	-	gr. v to ʒss.
Sarsaparillæ Radix	-	-	Alterative, diaphoretic [See <i>Decoct. &amp; Extract.</i> ]	-	ʒj to ʒj.
Sassafras Lignum et Radix	-	-	Stimulant, diaphoretic	-	ʒj to ʒj.
*† SCAMMONĒÆ GUMMI-RESĪNA	-	-	Cathartic, hydragogue	-	gr. v to gr. xv.
Scillæ Radix	-	-	Expectorant, diuretic [ <i>the dried powder.</i> ]	-	gr. j. to gr. iij.
Senegæ Radix	-	-	Diaphoretic, diuretic, cathartic. [See <i>Decoct.</i> ]	-	ʒj to ʒij.
Sennæ Folia	-	-	Cathartic	-	ʒj to ʒj.
Serpentariæ Radix	-	-	Tonic, aromatic, stimulant, antiseptic	-	gr. x to ʒss.
Simaroubæ Cortex	-	-	Tonic, stomachic	-	gr. x to ʒss.
Sināpis Semīna	-	-	Stimulant, attenuant	-	ʒj to ʒss bruised.
† Sodæ CARBŌNAS	-	-	Antacid, deobstruent	-	gr. x to ʒss.
— Subcarbonas	-	-	Antacid, deobstruent	-	gr. x to ʒss.

#### ANTIDOTES IN CASES OF POISON.

\* *Savine*. Sometimes taken to cause abortion. For treatment, see *Colocynthis Pulpa*.

† *Scammony*. See *Colocynthis Pulpa*. † See *Liquor Ammoniac*.



<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Sodæ Subcarbonas exsiccata	- Antacid, attenuant, lithontriptic	- gr. v to gr. xv.
Subboras	- Diuretic, emmenagogue	- gr. x to ʒfs.
Murias	- [ <i>Used principally in lotions—stimulant.</i> ]	
Sulphas	- Cathartic	- ʒj to ʒj.
Soda tartarizāta	- Gently aperient	- ʒij to ʒjfs.
Spartii Cacumīna	- Cathartic, diuretic	- ʒj to ʒj.
Spigeliæ Radix	- Anthelmintic, cathartic	- gr. x to ʒij.
Spiritus Ætheris aromaticus	- Stimulant, stomachic	- f. ʒfs to f. ʒj.
nitrici	- Diuretic, diaphoretic, antispasmodic	- f. ʒfs to f. ʒj.
sulphurici	- Stimulant, diaphoretic, antispasmodic	- f. ʒfs to f. ʒj.
com-	- { [ <i>Hoffman's Anodyne.</i> ] Stimulant, anti-	- f. ʒfs to f. ʒj.
positus	- } spasmodic	- f. ʒfs to f. ʒj.
* AMMONIÆ	- Stimulant, diaphoretic, antispasmodic	- f. ʒfs to f. ʒj.
aromaticus	- Stimulant, diaphoretic, antispasmodic	- f. ʒfs to f. ʒj.
foetidus	- Stimulant, antispasmodic	- f. ʒfs to f. ʒj.
succinatus	- Stimulant, antispasmodic	- f. ʒfs to f. ʒj.
Anisi	- Stimulant, antispasmodic	- m x to f ʒj.
Armoraciæ compositus	- Stimulant, carminative, stomachic	- f. ʒij to f. ʒfs.
Camphoræ	- Stimulant, antiscorbutic, stomachic	- f. ʒij to f. ʒj.
Carui	- [ <i>Externally—stimulant, anodyne.</i> ]	- f. ʒij to f. ʒj.
Cinnamomi	- Stimulant, carminative	- f. ʒij to f. ʒj.
Juniperi compositus	- Stimulant, stomachic	- f. ʒij to f. ʒj.
	- Stimulant, carminative, diuretic	- f. ʒij to f. ʒj.

in water.



— Lavandulæ	-	{ [Used to make Spirit Lavand. C. and Liniment. Camph. C.]	-	-	-
— — compositus	-	Stimulant, antispasmodic	-	-	- f. ʒss to f. ʒij.
— Menthæ piperitæ	-	Carminative, stimulant	-	-	- f. ʒj to f. ʒj.
— — viridis	-	Carminative, stimulant	-	-	- f. ʒj to f. ʒj.
— Myristicæ	-	Cordial, stimulant	-	-	- f. ʒj to f. ʒj.
— Pimentæ	-	Carminative, stimulant	-	-	- f. ʒj to f. ʒj.
— Pulegii	-	Carminative, antihysteria	-	-	- f. ʒj to f. ʒj.
— rectificatus	-	{ Rectified Spirit. Used for making tinctures, also a useful adjunct in evaporating and stimulating lotions.	-	-	-
— tenuior	-	{ Proof spirit, equal parts of rectified spirit and water.	-	-	-
— Rosmarini	-	Stimulant	-	-	- f. ʒj to f. ʒij.
— Spongia	-	[Used to form tents for dilating wounds, &c.]	-	-	- ʒj to ʒij.
— usta	-	Antacid, deobstruent, tonic	-	-	- ʒj to ʒij.
— Stannum	-	Tin filings—anthelmintic	-	-	- ʒj to ʒij.
† STAPHISAGRIÆ SEMINA	-	{ Powerfully cathartic. [Used externally for the itch, &c.]	-	-	gr. iij to gr. x.
— Styrcis Balsamum	-	Stimulant, expectorant	-	-	- gr. x to ʒss.

#### ANTIDOTES IN CASES OF POISON.

\* See *Liquor Ammoniac.*

† *Stavesacre Seed* taken in an over-dose, may be treated as *Colocynthis Pulpa*; which see.

<i>Names.</i>	<i>Properties, &amp;c.</i>	<i>Doses.</i>
Succinum	- Antispasmodic, corroborant	- ʒj to ʒj.
Sulphur lotum	- Gently laxative, diaphoretic	- ʒss to ʒij.
— præcipitatum	- Gently laxative, diaphoretic	- ʒss to ʒij.
Syrupus simplex	- { Used with other medicines, to render them more agreeable }	- f. ʒj to f. ʒij.
— Althæa	- Demulcent, emollient	- f. ʒj to f. ʒij.
— Aurantiörum	- Stomachic	- f. ʒj to f. ʒij.
— Croci	- Cordial. [ <i>Used principally for colouring.</i> ]	- f. ʒj to f. ʒij.
— Limönum	- Cooling	- f. ʒj to f. ʒij.
— Mori	- Cooling, expectorant	- f. ʒj to f. ʒij.
— Papavëris	- Anodyne. [ <i>Its strength uncertain</i> ]	- f. ʒj to f. ʒij.
— Rhœados	- [ <i>Used principally for colouring.</i> ]	- f. ʒiv to f. ʒij.
— Rhamni	- Cathartic. [ <i>Chiefly used in clysters.</i> ]	- f. ʒij to f. ʒij.
— Rosæ	- Gently aperient to children	- f. ʒij to f. ʒss.
— Sennæ	- Useful purgative for children	- f. ʒij to f. ʒij.
— Tolutanus	- Expectorant, balsamic	- f. ʒj to f. ʒij.
— Zingibëris	- Carminative, stomachic	- f. ʒj to f. ʒij.
*TABĀCI FOLĪA	- [ <i>See Infusum Tabaci.</i> ]	- ʒss to ʒss.
Tamarindi Pulpa	- Cooling, laxative	- ʒss to ʒss.

*Dose to Children:*  
f. ʒj to f. ʒij.  
*Dose to Adults.*  
f. ʒss to f. ʒj.

Taraxäci Radix	-	-	Aperient, diuretic, resolvent. [ <i>Juice.</i> ]	-	f. 3fs to 3jfs.
Terebinthina Canadensis	-	-	Stimulant, diuretic, detergent	-	- 3j to 3j.
— Chia	-	-	Stimulant, corroborant, diuretic	-	- 3j to 3j.
— vulgäris	-	-	[ <i>Externally</i> —stimulant, rubefacient.]	-	-
Testæ præparatæ	-	-	Antacid, absorbent	-	- 3fs to 3jfs.
Tinctura Alöes	-	-	Purgative, stomachic	-	- f. 3fs to f. 3jfs.
— composita	-	-	Stimulant, aperient, emmenagogue	-	- f. 3j to f. 3ij.
Assafetidæ	-	-	Stimulant, antispasmodic	-	- f. 3fs to f. 3jfs.
Aurantii	-	-	Tonic, stomachic	-	- f. 3ij to f. 3ij.
Benzoës composita	-	-	Expectorant, antispasmodic	-	- f. 3fs to f. 3jfs.
Calumbæ	-	-	Tonic, stomachic	-	- f. 3j to f. 3ij.
Camphoræ composita	-	-	Anodyne	-	- f. 3j to f. 3ij.
Capsici	-	-	Stimulant, aromatic	-	- f. 3fs to f. 3j.
Cardamömi	-	-	Stimulant, carminative	-	- f. 3j to f. 3ij.
— composita	-	-	Stimulant, stomachic	-	- f. 3j to f. 3fs.
Cascarillæ	-	-	Stimulant, tonic	-	- f. 3j to f. 3fs.
Castorei	-	-	Antispasmodic, stimulant	-	- f. 3j to f. 3ij.
Catechu	-	-	Astringent	-	- f. 3j to f. 3ij.
Cinchonæ	-	-	Tonic, stomachic	-	- f. 3j to f. 3ij.
— ammoniata	-	-	Tonic, stimulant	-	- f. 3fs to f. 3j.
— composita	-	-	Tonic, stomachic, stimulant	-	- f. 3j to f. 3ij.
Cinnamömi	-	-	Stimulant, stomachic, astringent	-	- f. 3j to f. 3ij.

#### ANTIDOTES IN CASES OF POISON.

\* *Tobacco Leaves*, or an *Infusion of Tobacco*. For the treatment, see *Belladonna*. But should the poison have been taken long, brandy and cordials must be given.

<i>Names.</i>		<i>Properties, &amp;c.</i>		<i>Doses.</i>
Tinctura	Cinnamōmi composīta	-	Stimulant, carminative, stomachic	- f. ʒj to f. ʒiij.
* —	DIGITALIS	-	Diuretic, sedative. [ <i>Gradually.</i> ]	- m v to m xl.
—	Ferri ammoniati	-	Astringent, tonic	- m xx to f. ʒj.
—	— Muriatis	-	Tonic, astringent	- m x to m xx.
—	Gentianæ composīta	-	Tonic, stomachic	- f. ʒj to f. ʒiij.
—	Guaiaci	-	Stimulant, diaphoretic	- f. ʒj to f. ʒiij.
—	— ammoniata	-	Stimulant, diaphoretic, antispasmodic	- f. ʒj to f. ʒiij.
+ —	HELLEBORI NIGRI	-	Alterative, emmenagogue	- f. ʒj to f. ʒj.
—	Humuli	-	Tonic, sedative	- f. ʒs to f. ʒiij.
† —	HYOSCYAMI	-	Narcotic, anodyne	- m xv to f. ʒiij.
—	Jalapæ	-	Cathartic	- f. ʒj to f. ʒis.
—	Kino	-	Astringent	- f. ʒj to f. ʒiij.
§ —	LYTTÆ	-	Diuretic, stimulant	- m xv to f. ʒj.
—	Myrrhæ	-	Tonic, deobstruent	- f. ʒs to f. ʒj.
—	OPII	-	Narcotic, anodyne	- m x to m lx.
—	Rhēi	-	Purgative, stomachic	- f. ʒiij to f. ʒis.
—	— composīta	-	Purgative, stomachic	- f. ʒis to f. ʒis.
—	Scillæ	-	Expectorant, diuretic	- m xv to f. ʒj.
—	Sennæ	-	Carminative, cathartic	- f. ʒs to f. ʒj.
—	Serpentariæ	-	Stimulant, tonic, diaphoretic	- f. ʒj to f. ʒiij.
—	Valerianæ	-	Antispasmodic	- f. ʒiij to f. ʒis.
—	— ammoniata	-	Stimulant, antispasmodic	- f. ʒj to f. ʒiij.
—	Zingiberis	-	Stimulant, carminative, stomachic	- f. ʒj to f. ʒiij.
Tormentillæ	Radix	-	Astringent	- ʒj to ʒiij.

Toxicodendri Folia	-	-	Stimulant, astringent, narcotic	-	gr. j to gr. x.
Tragacantha	-	-	Demulcent	-	gr. x to 5j.
Tussilago	-	-	Demulcent, expectorant. [ <i>In Infus.</i> ]	-	f. 3iv to Ofs.
Ulmī Cortex	-	-	Tonic, diuretic, alterative. [ <i>See Decoction.</i> ]	-	-
Uvæ Passæ	-	-	Demulcent	-	- ad libitum.
— Ursi Folia	-	-	Astringent, tonic	-	gr. x to 5ij.
Valerianæ Radix	-	-	Antispasmodic, stimulant	-	5j to 5j.
¶ VERATRI RADIX	-	-	{ Violently cathartic. [ <i>Seldom given internally.</i> ]	-	{ gr. ij to gr. v.
	-	-	{ See <i>Decoct.</i> ]	-	{
Vinum Aloës	-	-	Purgative, stomachic	-	f. 5iv to f. 3jfs.
— Ferri	-	-	Astringent, tonic, deobstruent	-	f. 5j to f. 5iv.
— Ipecacuanhæ	-	-	Emetic 3fs to 3j. — Febrifuge, diaphoretic	-	m xv to m xl.
** — Opii	-	-	Anodyne, narcotic	-	m x to f. 5j.
¶ — VERATRI	-	-	{ Emetic, cathartic. [ <i>Must be used with</i>	-	{ f. 5fs to f. 5ij.
	-	-	{ caution.]	-	{
†† ZINCI OXYDUM	-	-	Tonic, antispasmodic	-	gr. j to gr. vj.
†† — SULPHAS	-	-	{ Operates quickly as an emetic, in doses of	-	{ gr. j. to gr. ij.
	-	-	{ from gr. x to 5's. Tonic.	-	{
Zingibëris Radix	-	-	Carminative, stimulant, stomachic	-	gr. v. to 5j.

# ANTIDOTES IN CASES OF POISON.

\* See *Digitalis Folia*.

† See *Hellebori fœtidi Folia*.

‡ See *Opium*. *Tr. Opii* is generally called *Laudanum*, but this is wrong, as that appellation was originally applied to, and meant *Vinum Opii*. § See *Lytta*.

¶ *Wine of white Hellebore*. See *Hellebori fœtidi Folia*.

†† For the treatment of poisoning from preparations of Zinc, see *Arsenic*. \*\* *Vinum Opii*, *Laudanum*. See *Opium*.



# A LIST OF ABBREVIATIONS

USED IN

## PRESCRIPTIONS, &c.

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*A. or aa.* — *ava, ana*, signifies of each. It is placed after two or more substances, thus :

*R. Tincturæ lavandulæ, —  
———— cinnamoni, aa* ʒij.

*i. e.* take of tincture of lavender, and of tincture of cinnamon, of each, two drachms.

*Abdom.* — *Abdōmen*, the belly.

*Abs. febr.* — *Absente febre*, the fever being absent.

*Ad 2 vic.* — *Ad duas vices*, at two takings.

*Ad. gr. acid.* — *Ad gratam aciditatem*, to an agreeable acidity.

*Ad libit.* — *Ad libitum*, at pleasure.

*Add.* — *Adde*, add ; *addantur*, let them be added ; *addendus*, to be added.

*Admov.* — *Admoveatur*, let it be applied ; *admoveantur*, let them be applied.

*Adst. febre* — *Adstante febre*, the fever being present.

*Aggred. febre* — *Aggrediente febre*, the fever coming on.

*Altern. horis* — *Alternis horis*, at every other hour.

*Alvo adst.* — *Alvo adstricto*, the belly or bowels being bound.

*Aq. bull.* — *Aqua bulliens*, boiling water.

- Aq. ferv.* — *Aqua fervens*, boiling water.  
*Bis ind.* — *Bis indies*, twice daily.  
*BB. Bbds.* — *Barbadensis*, Barbadoes.  
*Bull.* — *Bulliat*, let it boil; *bulliant*, let them boil.  
*Cærul.* — *Cærulëus*, blue.  
*Cap. or Capt.* — *Capiat*, let him take [*i. e.* let the patient take.]  
*C. m.* — *Cras mane*, to-morrow morning.  
*Coch. ampl.* — *Cochleäre amplum*, a large spoonful.  
*Coch. infant.* — *Cochleäre infantis*, a child's spoonful.  
*Coch. magn.* — *Cochleäre magnum*, a large spoonful.  
*Coch. mod.* — *Cochleäre modicum*, a middling-sized spoonful, *i. e.* a dessert spoonful.  
*Coch. parv.* — *Cochleäre parvum*, a little spoonful, or tea-spoonful.  
*Col.* — *Colātus*, strained.  
*Colat.* — *Colātur*, let it be strained.  
*Colat.* — *Colaturæ*, of or to the strained [*liquor.*]  
*Colent.* — *Colentur*, let them be strained.  
*Comp.* — *Compositus*, compound.  
*Cont. rem.* — *Continuentur remediā*, let the medicines be continued.  
*Coq.* — *Coque*, boil; or, *coquantur*, let them [*i. e.* the ingredients] be boiled.  
*Crast.* — *Crastīnus*, of to-morrow.  
*Cuj.* — *Cujus*, of which.  
*Cujusl.* — *Cujuslibet*, of any.  
*Cyath. theæ* — *Cyātho theæ*, in a cup of tea.  
*Deb. spiss.* — *Debīta spissitūdo*, a proper consistence.  
*Decub.* — *Decubītus*, lying down.  
*De d. in d.* — *De die in diem*, from day to day.  
*Dej. alvi* — *Dejectiones alvi*, throwings down of the bowels, — stools.  
*Det.* — *Detur*, let it be given; *dentur*, let them be given.  
*Dieb. alt.* — *Diebus alternis*, every other days.  
*Deb. tert.* — *Diebus tertiis*, every third days.  
*Dim.* — *Dimidius*, one half.



- Dir. prop.* — *Directiōne propriâ, with a proper direction.*
- Donec alv. bis dej.* — *Donec alvus bis dejiciâtur, until the bowels are twice moved.*
- Donec alv. sol. fuer.* — *Donec alvus solūta fuërit, until the bowels shall have become relaxed.*
- Ejusd.* — *Ejusdem, of the same.*
- Enem.* — *Enëma, a clyster ; plural, enemăta, clysters.*  
It is derived from the Greek *εμψυ*, to inject, and is of the neuter gender.
- Ext. sup. alut.* — *Extende super alūtam, spread upon leather.*
- F. pil. xij.* — *Fac pilūlas duodëcim, make twelve pills.*
- Feb. dur.* — *Febre durante, during the fever.*
- Fem. intern.* — *Femoribus internis, to the inner part of the thighs.*
- Ft. embrocat.* — *Fiat embrocatïo, let an embrocation be made.*
- Ft. gargar.* — *Fiat gargarysma, let a gargle be made.*
- Ft. haust.* — *Fiat haustus, let a draught be made.*
- Ft. mist.* — *Fiat mistūra, let a mixture be made.*
- Ft. pil. xij.* — *Fiant pilulæ duodëcim, let twelve pills be made.*
- Ft. pulv.* — *Fiat pulvis, let a powder be made.*
- Ft. or F. venæs.* — *Fiat venæsectio, let bleeding be performed.*
- Fist. arm.* — *Fistūla armata, a prepared pipe, i. e. a clyster-pipe and bladder prepared for use.*
- Fl.* — *Fluïdus, liquid.*
- Gel. quav.* — *Gelatīnâ quâvis, in any sort of jelly.*
- G. G. G.* — *Gummi guttæ Gambiæ, Gamboge drops.*
- Gr.* — *Granum, a grain ; or grana, grains.*
- Gtt.* — *Gutta, a drop ; or guttæ, drops.*
- Gutt. quibusd.* — *Guttis quibusdam, with a few drops.*
- Har. pil. sum. iij.* — *Harum pilulārum sumantur tres, let three of these pills be taken.*
- Hor. decub.* — *Horâ decubitûs, at the hour of lying down, i. e. at going to bed.*

3 pills

*Hor. som.* — *Horâ sommi, at the hour of sleep, i. e. at bed-time.*

*Hor. un. spatio* — *Horæ unius spatiô, at the expiration of an hour.*

*Hor. interm.* — *Horis intermediis, at intermediate hours.*

*Ind.* — *Indies, daily.*

*In pulm.* — *In pulmento, in gruel.*

*Inj. enem.* — *Injiciatur enëma, let a clyster be given.*

*I.at. dol.* — *Latëri dolente, to the affected side.*

*M.* — *Misce, mix; also mensurâ, by measure; and manipûlus, a handful.*

*Mane pr.* — *Mane primo, early in the morning.*

*Min.* — *Minimûm, the 60th part of a fluid-drachm.*

*Mitt.* — *Mitte, send; mittatur, let it be sent; mittantur, let them be sent.*

*Mitt. sang. ad 3xvj. saltem.* — *Mittâtur sanguis ad uncias sedëcim saltem, let blood be taken away to sixteen ounces at least.*

*Mod. præsc.* — *Modo præscripto, in the manner prescribed.*

*Mor. sol.* — *More solito, in the usual manner.*

*N.* — *Numero, in number.*

*N. M.* — *Nux moschata, a nutmeg.*

*O.* — *Octarius, a wine pint.*

*Ol. lini s. i.* — *Olëum lini sine igne, linseed oil without fire, [i. e. cold drawn.]*

*Omn. bid.* — *Omni biduô, every two days.*

*Omn. bih.* — *Omni bihoriô, every two hours.*

*Omn. hor.* — *Omni horâ, every hour.*

*Omn. man.* — *Omni mane, every morning.*

*Omn. noct.* — *Omni nocte, every night.*

*Omn. quadr. hor.* — *Omni quadrante horæ, every quarter of an hour.*

*Oz.* — *The ounce avoirdupoise weight.*

*P.* — *Pondo by weight.*

*P. Æ.* — *Partes æquales, equal parts.*

*P. D.* — *Pharmacopœia Dublinensis, pharmacopœia of Dublin.*

- P. E.* — Pharmacopœia Edinensis, *pharmacopœia of Edinburgh.*
- P. L.* — Pharmacopœia Londinensis, *pharmacopœia of London.*
- Part. vic.* — Partitis vicibus, *in divided doses.*
- Per. op. emet.* — Peracta operatione emetici, *the operation of the emetic being finished.*
- Post sing. sed. liq.* — Post singulas sedes liquidas, *after each liquid or loose stool.*
- P. r. n.* — Pro re nata, *occasionally, [i. e. according to circumstances.]*
- P. rat. æt.* — Pro ratione ætātis, *according to the state of age ; [i. e. according to the age of a person.]*
- P. or Pug.* — Pugillus. This word in Pliny signifies *a handful*, but it is intended to mean *a gripe between the finger and thumb.*
- Q. P.* — Quantum placet, *as much as you please.*
- Q. s.* — Quantum sufficiat, *as much as may be sufficient.*
- Qqe. hor.* — Quaque horâ, *at every hour.*
- Quor.* — Quorum, *of which.*
- R.* — Recipe, *take.*
- Red. in pulv.* — Redactus in pulvĕrem, *reduced to powder.*
- Redig. in pulv.* — Redigātur in pulvĕrem, *let it be reduced to powder.*
- Reg. umbil.* — Regio umbilici, *the region of the navel, [i. e. the parts about the navel.]*
- Repet.* — Repetātur, *let it be continued ; or repetantur, let them be continued.*
- S. A.* — Secundum artem, *according to art.*
- Semidr.* — Semidrachma, *half a drachm.*
- Semih.* — Semihōra, *half an hour.*
- Sesunc.* — Sesuncia, *an ounce and a half.*
- Sesquih.* — Sesquihōra, *an hour and a half.*
- Si n. val.* — Si non valeat, *if it should not answer.*
- Si op. sit* — Si opus sit, *if there should be occasion.*
- Si vir. perm.* — Si vires permittant, *if the strength permit.*

- Sign. n. pr.* — Signetur nomīne propriō, *let it be marked with the proper name ; as, Tincture of Lavender, instead of Tinctura Lavandulæ, &c.*
- Ss.* — Semi, *half.*
- St.* — Stet, *let it stand ; or stent, let them stand.*
- Sub. fin. coct.* — Sub finem coctiōnis, *towards the end of boiling, [i. e. when boiling is just finished.]*
- Sum. tal.* — Sumat talem, *let him [i. e. the patient] take such as this.*
- S. V.* — Spiritus vinōsus, *ardent spirit.*
- S. V. R.* — Spiritus vinōsus rectificātus, *rectified spirit of wine.*
- S. V. T.* — Spiritus vinōsus tenuis, *weak spirit of wine, [i. e. proof spirit ; half spirit of wine and half water].*
- Temp. dext.* — Tempori dextro, *to the right temple.*
- Temp. sinist.* — Tempori sinistro, *to the left temple.*
- T. O.* — Tinctūra Opii, *tincture of Opium.*
- T. O. C.* — Tinctūra Opii camphorāta, *camphorated tincture of Opium — paregoric.*
- Ult. præscr.* — Ultimo præscriptus, *the last prescribed.*
- V. O. S.* — Vitello ovi solutus, *dissolved in the yolk of an egg.*
- Vom. urg.* — Vomitiōne urgente, *the vomiting taking place, [i. e. when the vomiting begins].*
- Zz.* — Zinziber, *ginger.*

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LONDON:  
Printed by A. & R. Spettiswoode,  
New-Street-Square.













